

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101719\
 Data File : BF117433.D
 Acq On : 17 Oct 2019 20:33
 Operator : JU
 Sample : K5394-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-15-E1-(0-20)

Quant Time: Oct 18 03:56:01 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

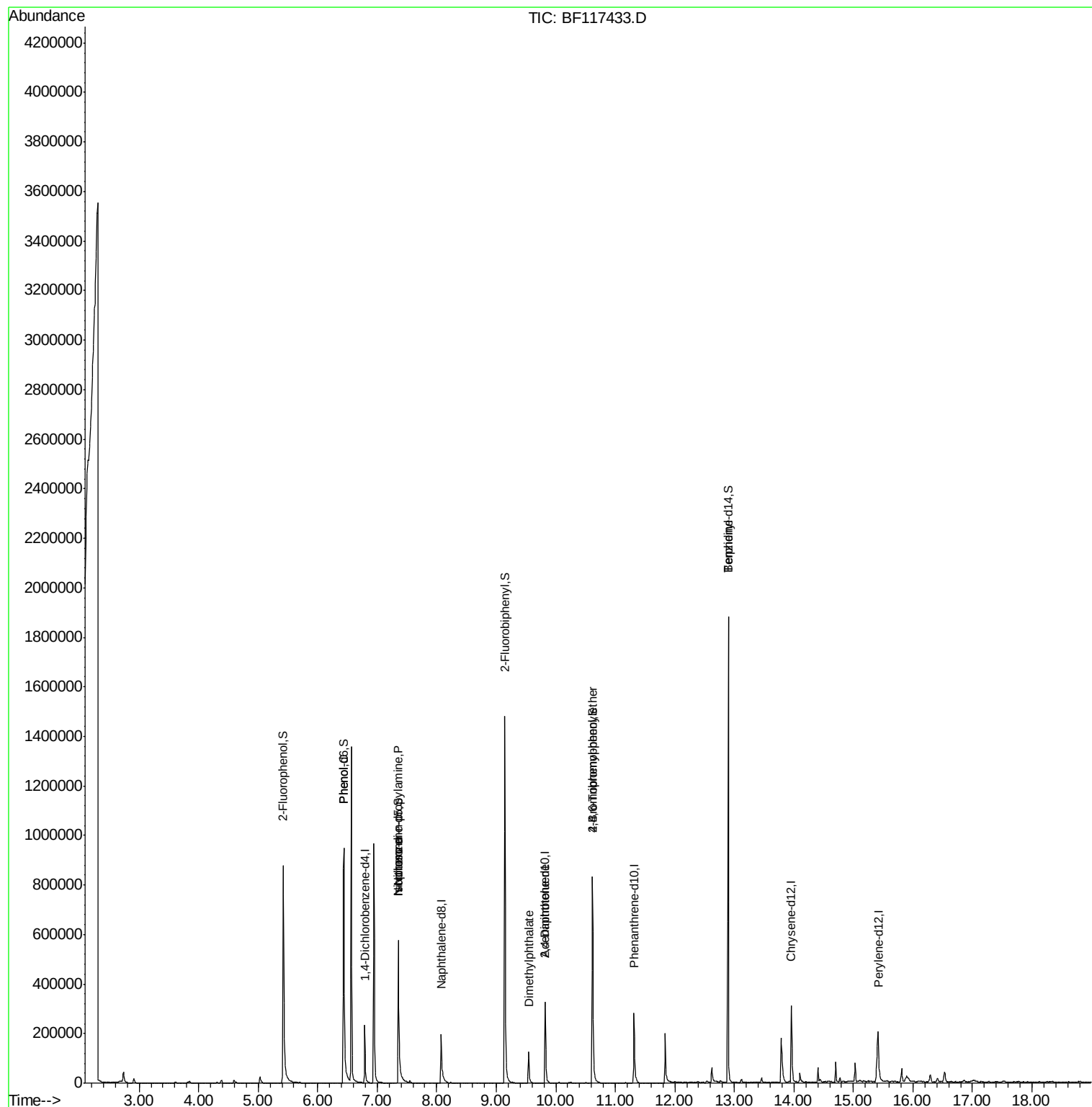
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	42884	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	169692	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	88097	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	153774	20.00	ng	0.00
76) Chrysene-d12	13.96	240	131588	20.00	ng	0.00
87) Perylene-d12	15.42	264	132191	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	346041	124.16	ng	0.00
7) Phenol-d6	6.44	99	443481	119.92	ng	0.00
23) Nitrobenzene-d5	7.36	82	294838	88.07	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	108799	151.74	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	522905	86.53	ng	0.00
79) Terphenyl-d14	12.90	244	617350	76.48	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	459	Below Cal	Qvalue	# 1
10) Phenol	6.45	94	10602	2.656 ng	#	55
19) n-Nitroso-di-n-propylamine	7.36	70	36570	15.510 ng	#	79
25) Isophorone	7.36	82	294836	49.442 ng	#	67
50) Dimethylphthalate	9.55	163	71744	11.339 ng	#	97
57) 2,4-Dinitrotoluene	9.82	165	11089	6.319 ng	#	12
67) 4-Bromophenyl-phenylether	10.62	248	7373	4.371 ng	#	1
77) Benzidine	12.90	184	8439	2.593 ng	#	91

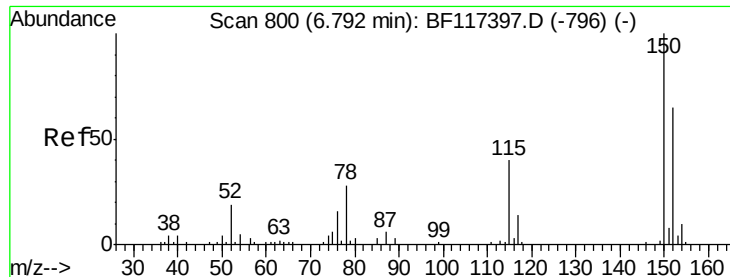
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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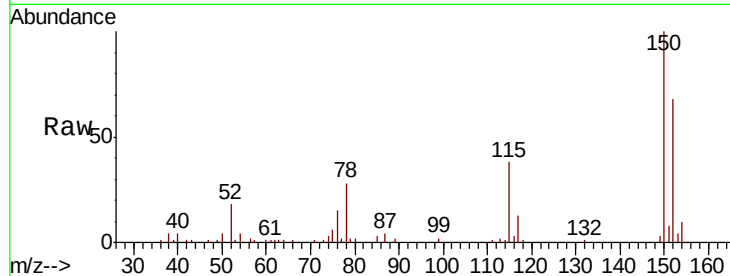


#1

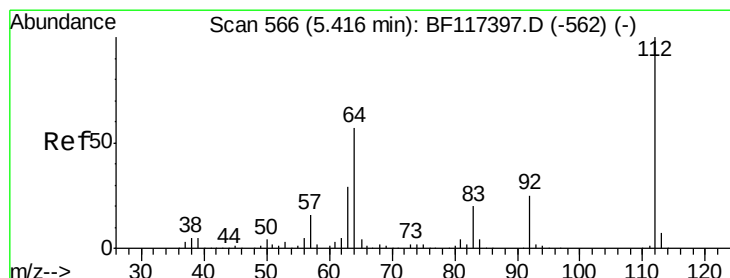
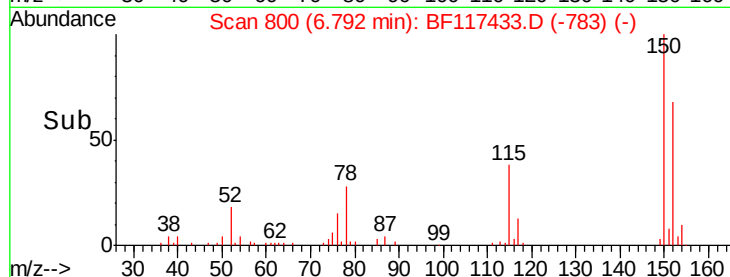
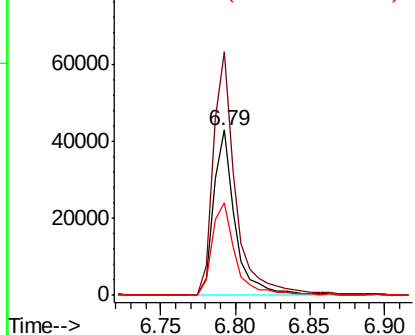
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF117433.D
Acq: 17 Oct 2019 20:33

Instrument :
BNA_F
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T-15-E1-(0-20)

Tot Ion:152 Resp: 42884
Ion Ratio Lower Upper
152 100
150 147.4 122.7 184.1
115 55.9 48.6 73.0



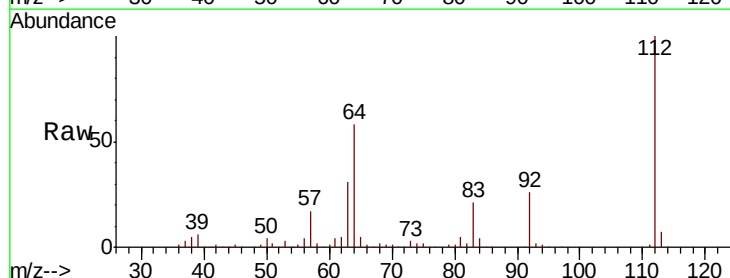
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



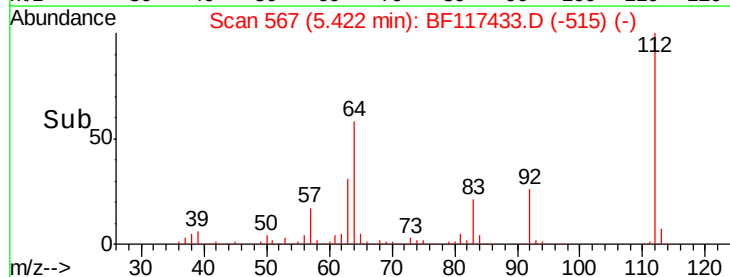
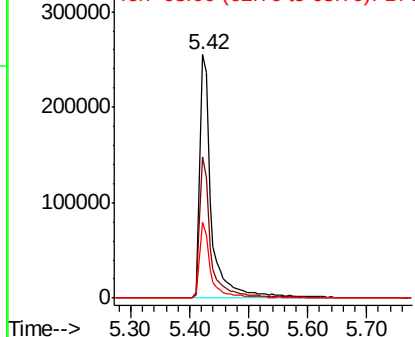
#5

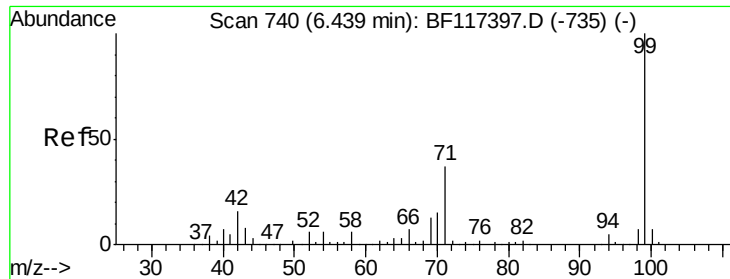
2-Fluorophenol
Concen: 124.156 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF117433.D
Acq: 17 Oct 2019 20:33

Tgt Ion:112 Resp: 346041
Ion Ratio Lower Upper
112 100
64 58.0 45.2 67.8
63 31.0 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: 119.924 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF117433.D

Acq: 17 Oct 2019 20:33

Instrument :

BNA_F

ClientSampleId :

T-15-E1-(0-20)

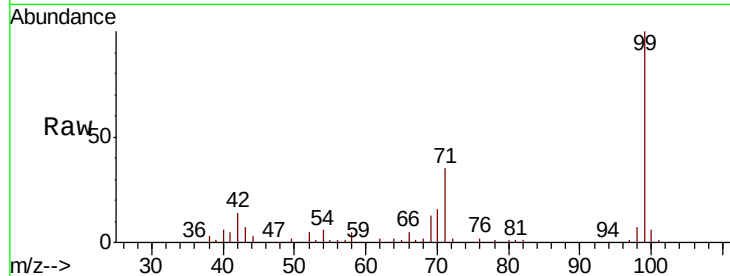
Tot Ion: 99 Resp: 443481

Ion Ratio Lower Upper

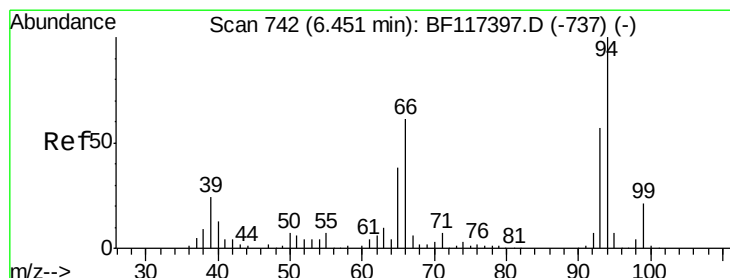
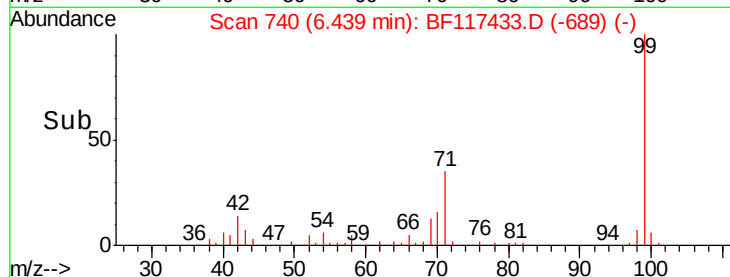
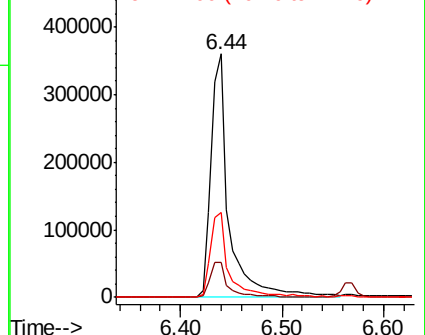
99 100

42 14.5 12.5 18.7

71 34.8 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: 2.656 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117433.D

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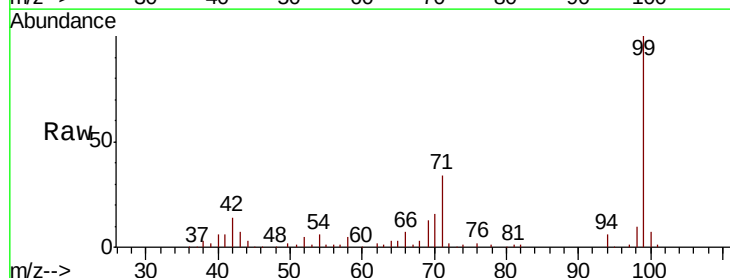
Tgt Ion: 94 Resp: 10602

Ion Ratio Lower Upper

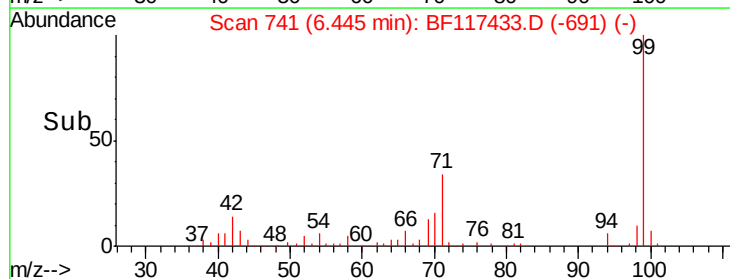
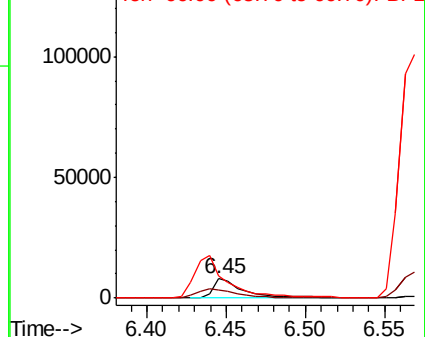
94 100

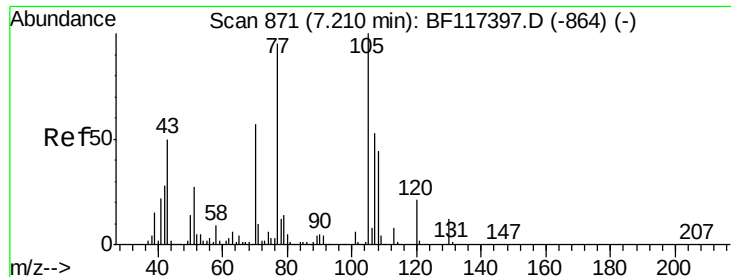
65 43.5 18.2 58.2

66 112.2 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

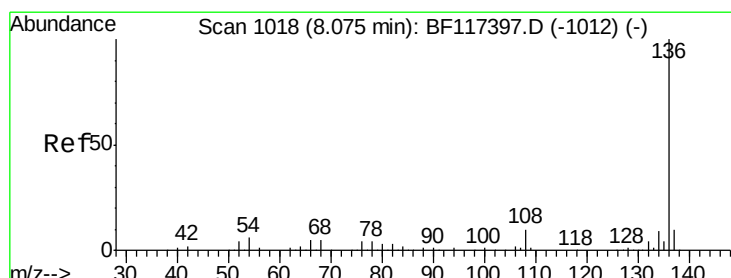
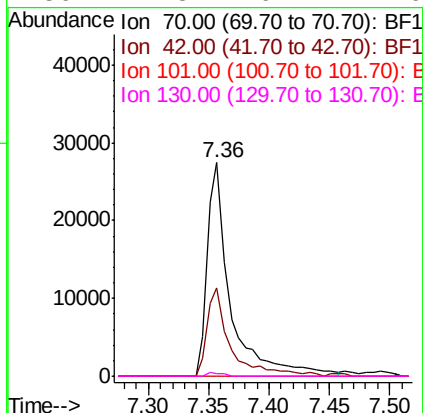
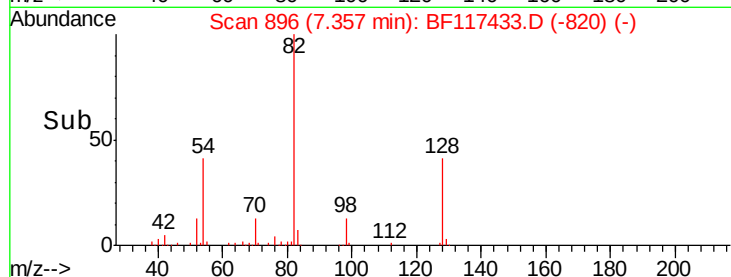
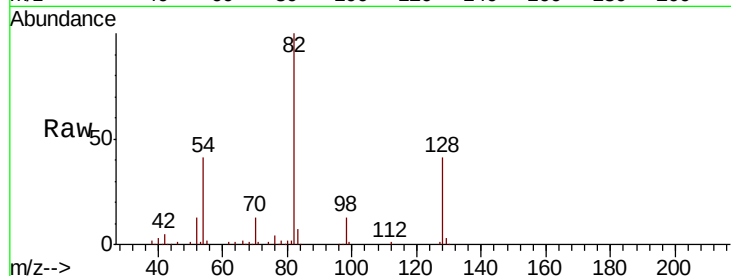




#19
n-Nitroso-di-n-propylamine
Concen: 15.510 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF117433.D
Acq: 17 Oct 2019 20:33

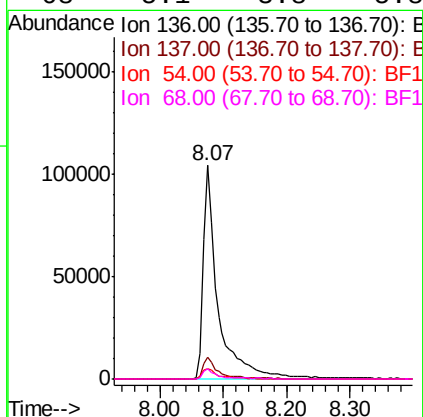
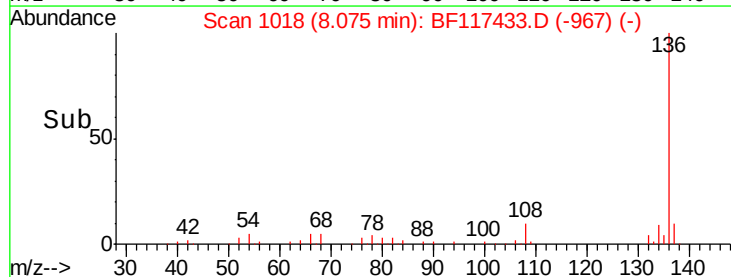
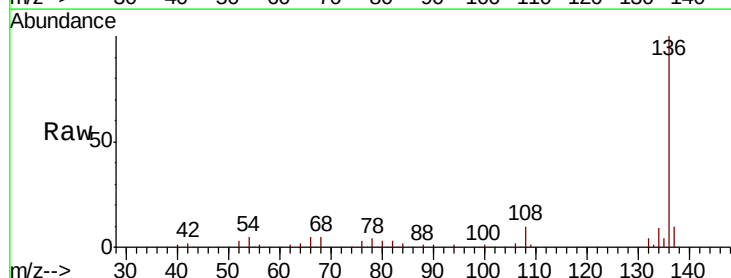
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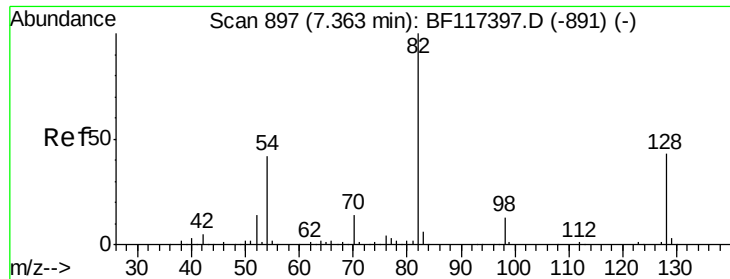
Tot Ion: 70 Resp: 36570
Ion Ratio Lower Upper
70 100
42 41.5 39.8 59.8
101 0.0 8.1 12.1#
130 1.3 16.4 24.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF117433.D
Acq: 17 Oct 2019 20:33

Tgt Ion:136 Resp: 169692
Ion Ratio Lower Upper
136 100
137 10.2 8.4 12.6
54 5.1 4.6 6.8
68 5.1 3.8 5.8

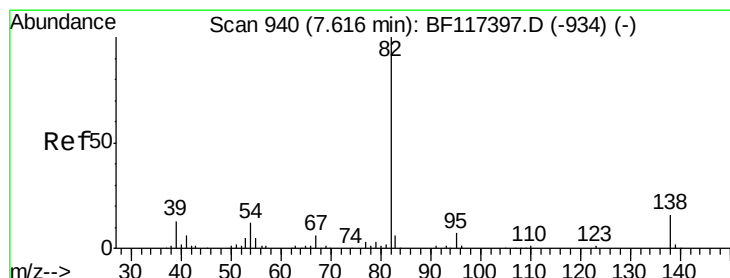
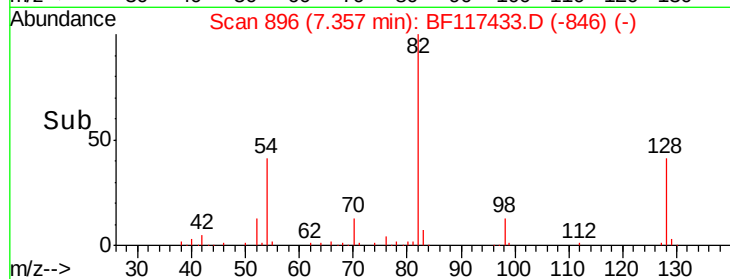
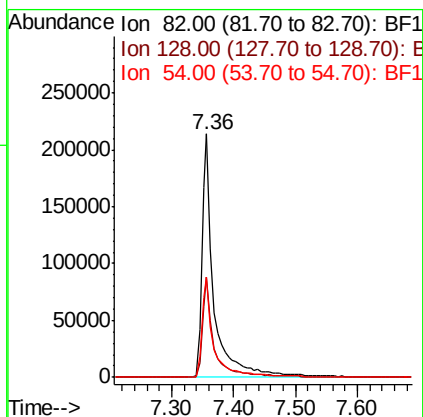
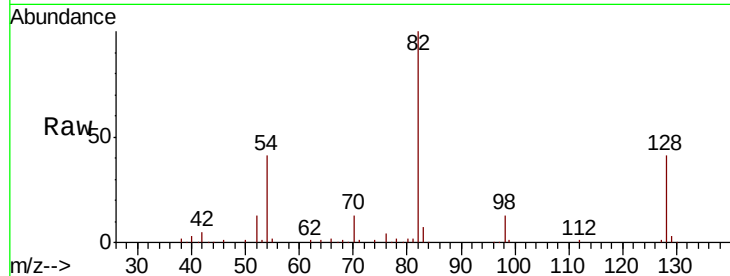




#23
Nitrobenzene-d5
Concen: 88.074 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117433.D
Acq: 17 Oct 2019 20:33

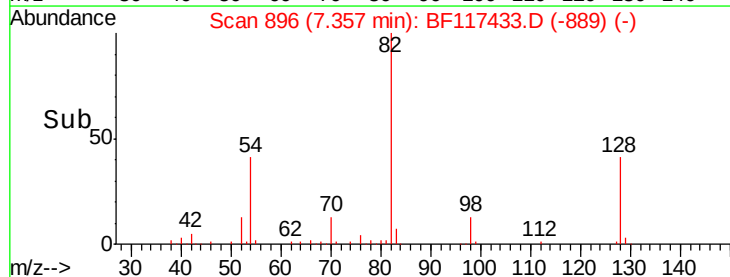
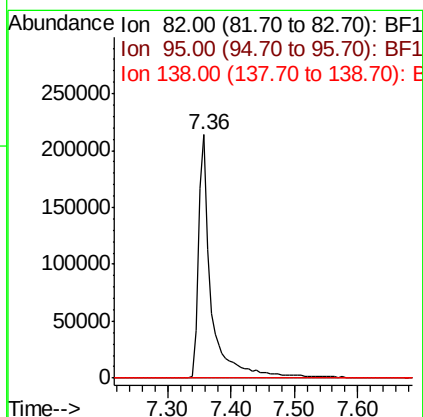
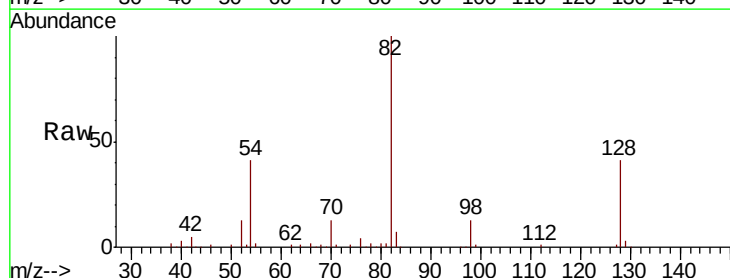
Instrument :
BNA_F
ClientSampleId :
T-15-E1-(0-20)

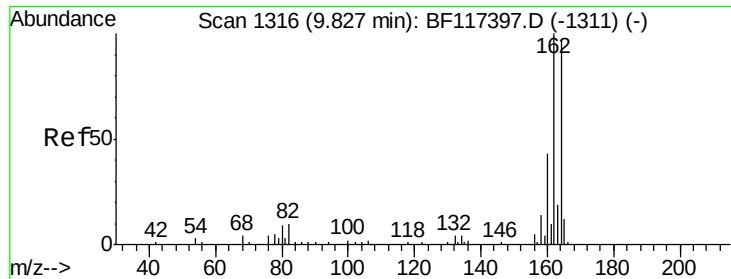
Tot Ion	82	Resp	294838
Ion Ratio	Lower	Upper	
82	100		
128	41.4	34.1	51.1
54	41.3	33.3	49.9



#25
Isophorone
Concen: 49.442 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF117433.D
Acq: 17 Oct 2019 20:33

Tgt Ion	82	Resp	294836
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.4	8.0#
138	0.0	13.0	19.4#

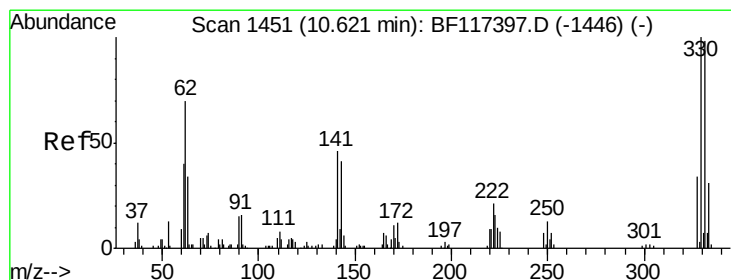
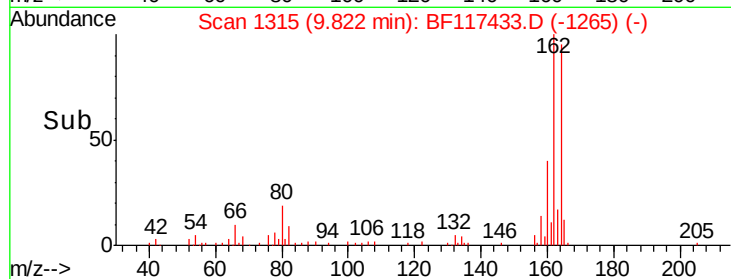
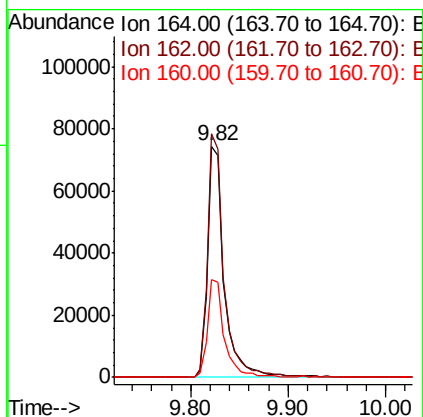
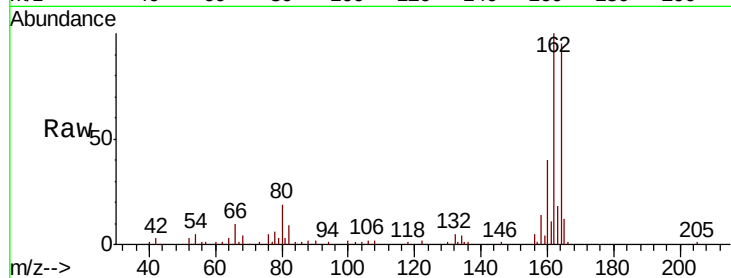




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF117433.D
 Acq: 17 Oct 2019 20:33

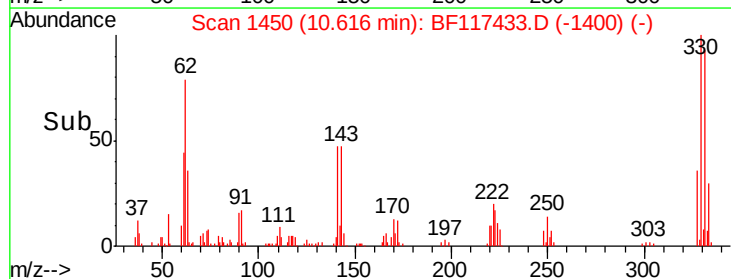
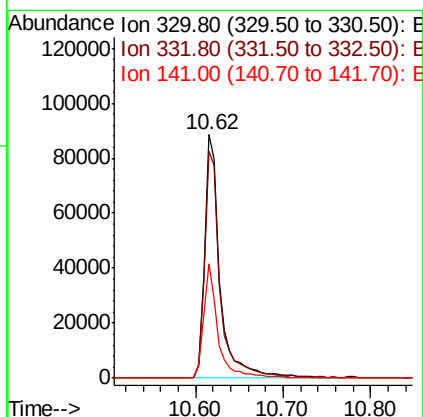
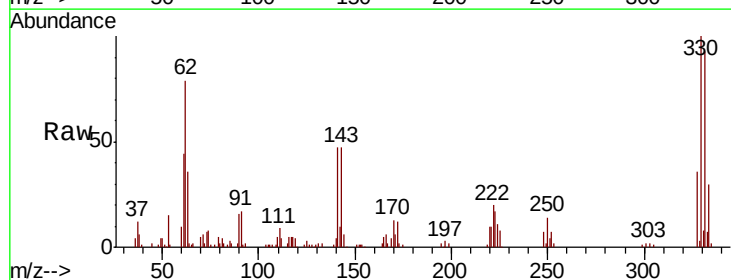
Instrument :
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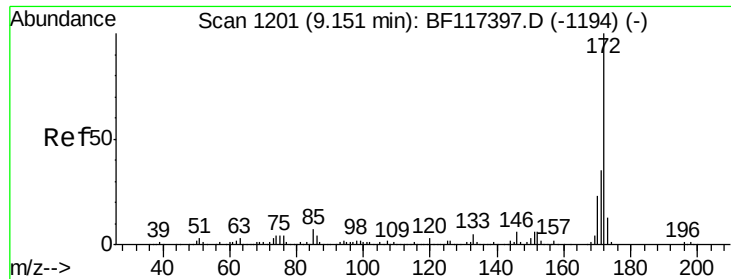
Tot Ion:164 Resp: 88097
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.4 123.6
 160 42.4 35.4 53.0



#42
 2,4,6-Tribromophenol
 Concen: 151.744 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF117433.D
 Acq: 17 Oct 2019 20:33

Tgt Ion:330 Resp: 108799
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.0 112.6
 141 43.2 34.2 51.4

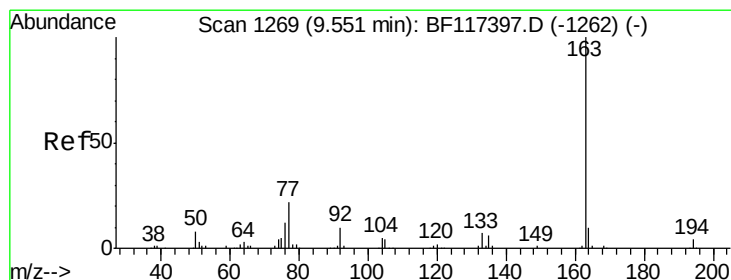
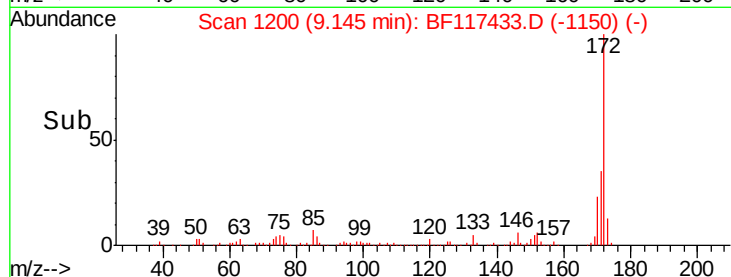
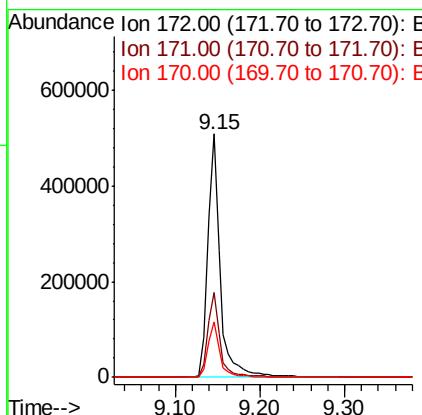
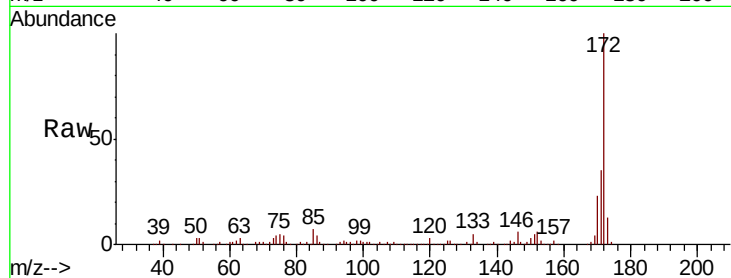




#45
2-Fluorobiphenyl
Concen: 86.533 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF117433.D
Acq: 17 Oct 2019 20:33

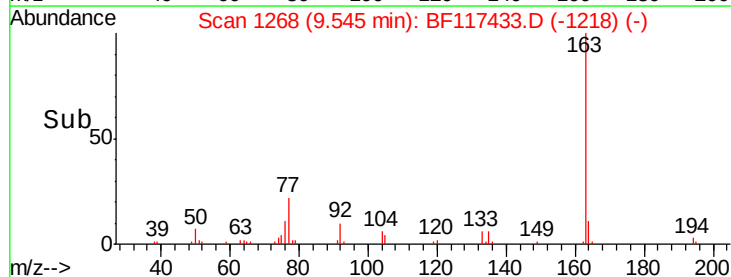
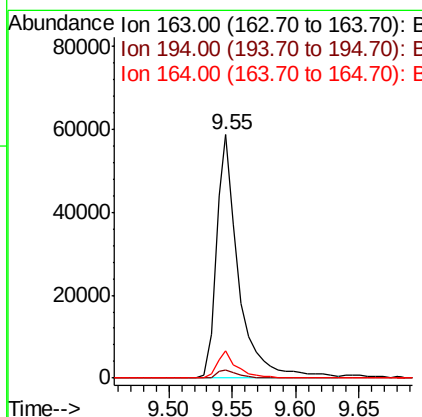
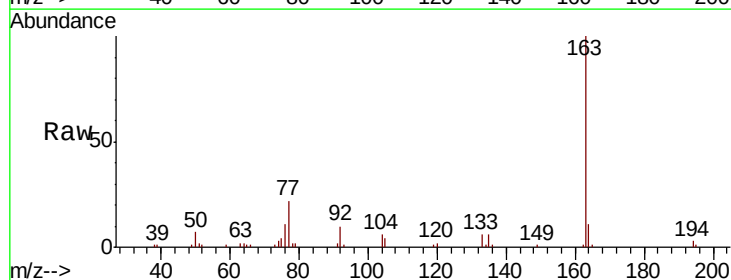
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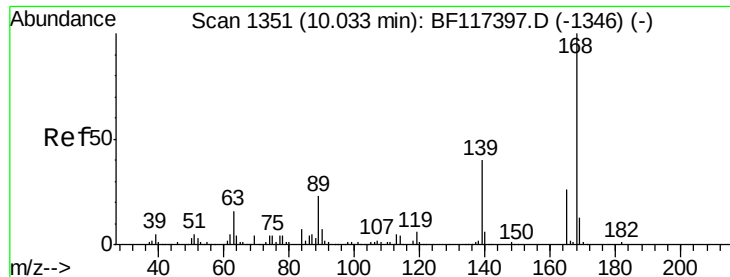
Tot Ion:172 Resp: 522905
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 22.9 18.2 27.2



#50
Dimethylphthalate
Concen: 11.339 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF117433.D
Acq: 17 Oct 2019 20:33

Tgt Ion:163 Resp: 71744
Ion Ratio Lower Upper
163 100
194 3.1 3.1 4.7#
164 11.1 8.0 12.0

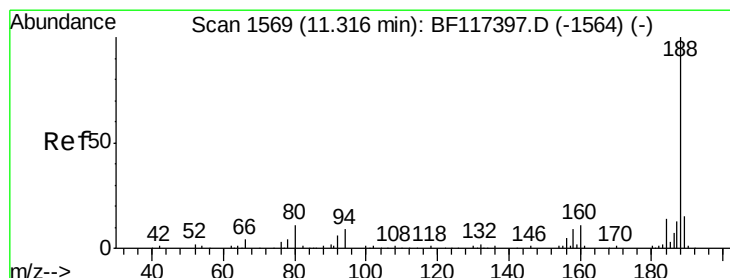
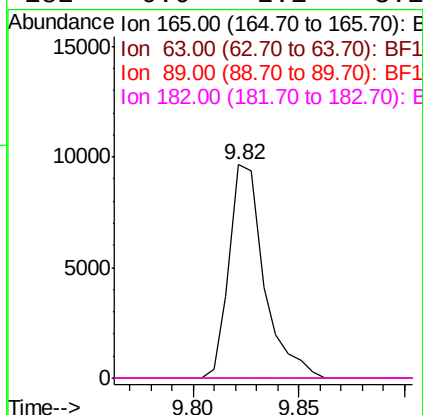
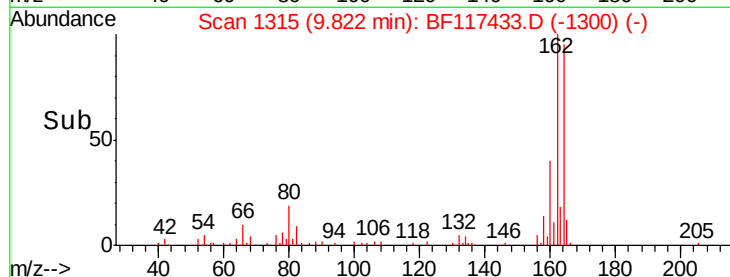
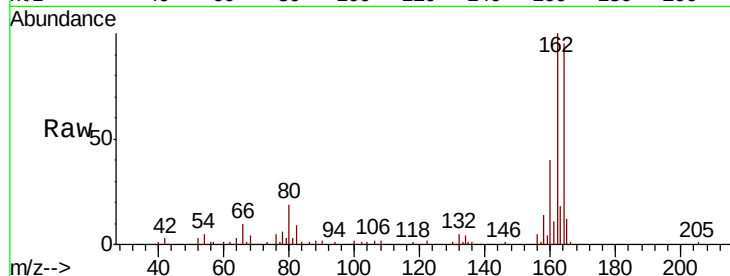




#57
 2,4-Dinitrotoluene
 Concen: 6.319 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.21 min
 Lab File: BF117433.D
 Acq: 17 Oct 2019 20:33

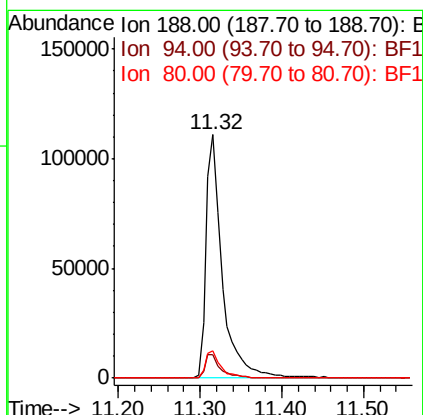
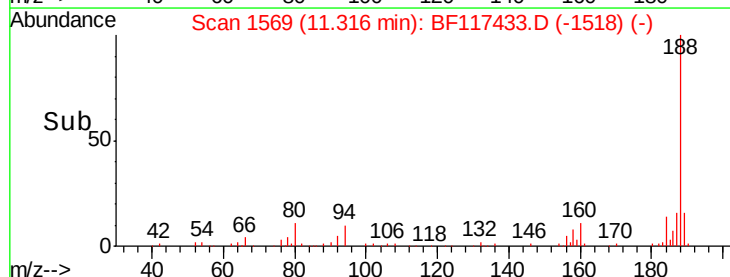
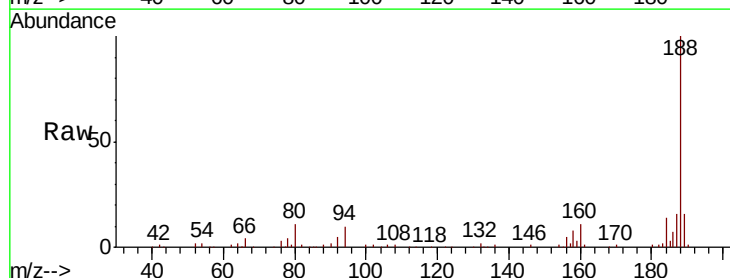
Instrument :
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 T-15-E1-(0-20)

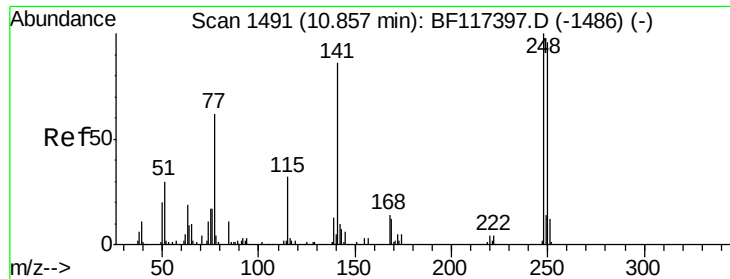
Tot Ion:165 Resp: 11089
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.0 76.4#
 89 0.0 70.7 106.1#
 182 0.0 2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF117433.D
 Acq: 17 Oct 2019 20:33

Tgt Ion:188 Resp: 153774
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.5 11.3
 80 11.4 8.7 13.1





#67

4-Bromophenyl-phenylether

Concen: 4.371 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.24 min

Lab File: BF117433.D

Acq: 17 Oct 2019 20:33

Instrument :

BNA_F

ClientSampleId :

T-15-E1-(0-20)

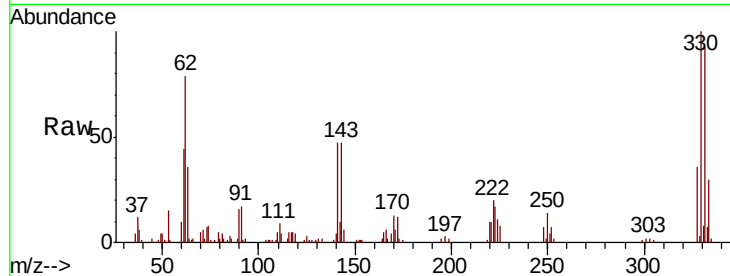
Tot Ion:248 Resp: 7373

Ion Ratio Lower Upper

248 100

250 196.3 77.1 115.7#

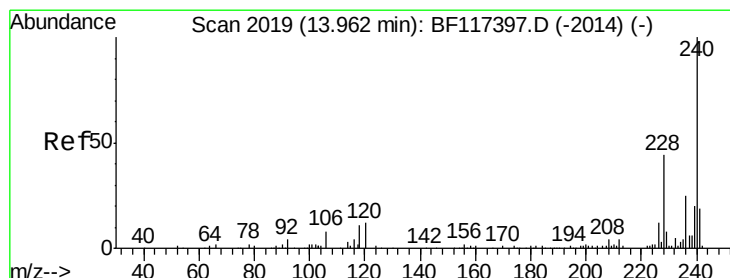
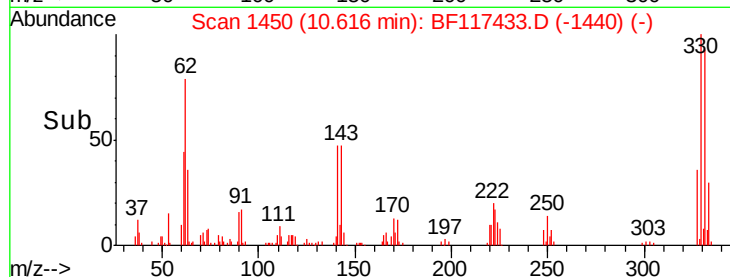
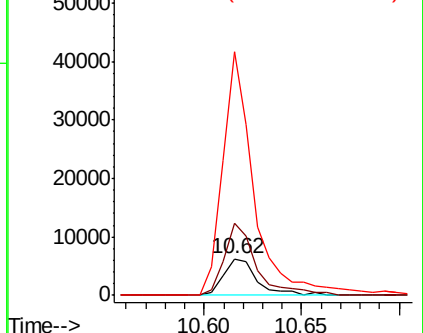
141 667.6 69.1 103.7#



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: BF117433.D

Acq: 17 Oct 2019 20:33

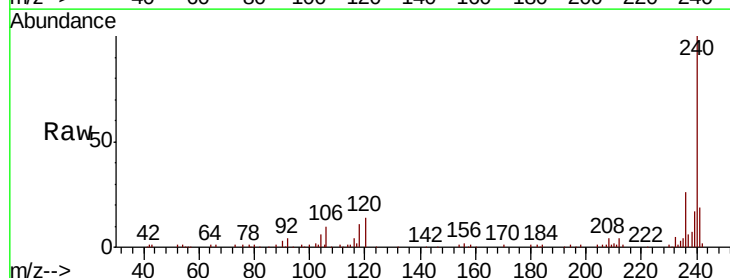
Tgt Ion:240 Resp: 131588

Ion Ratio Lower Upper

240 100

120 13.6 9.4 14.0

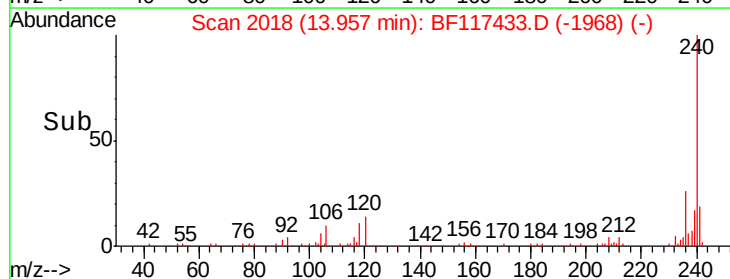
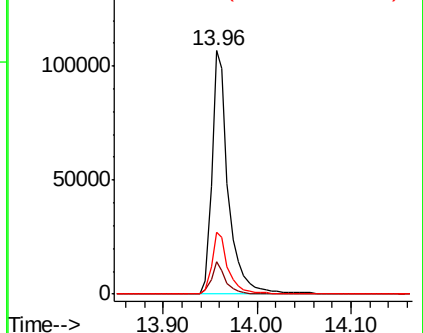
236 25.5 19.8 29.6

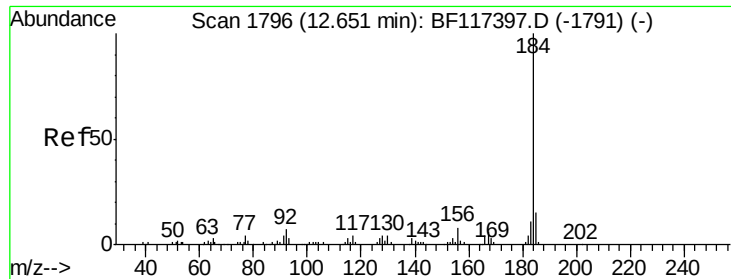


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.593 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.25 min

Lab File: BF117433.D

Acq: 17 Oct 2019 20:33

Instrument :

BNA_F

ClientSampleId :

T-15-E1-(0-20)

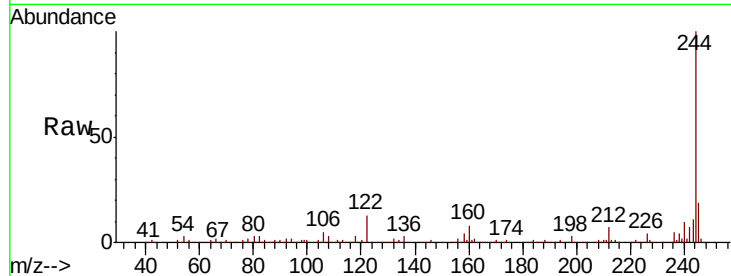
Tot Ion:184 Resp: 8439

Ion Ratio Lower Upper

184 100

185 19.7 12.2 18.2#

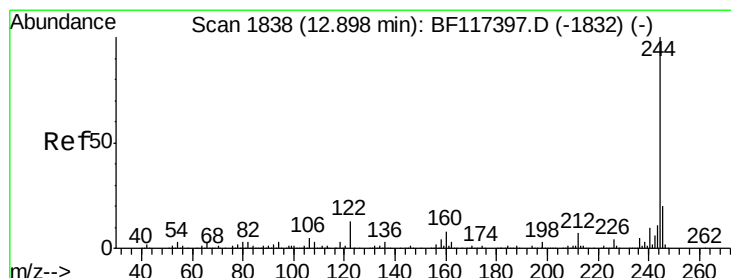
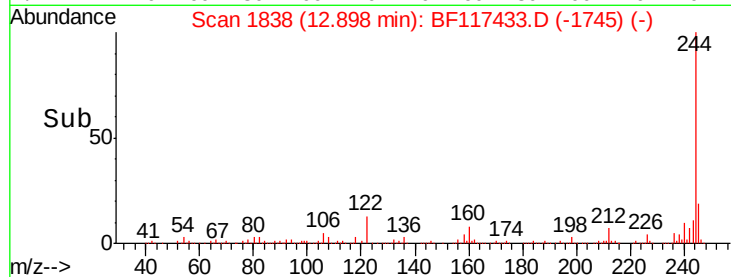
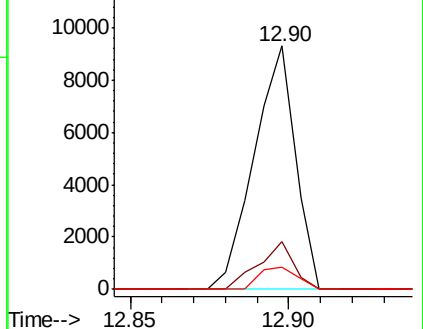
183 8.9 8.9 13.3#



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: 76.480 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF117433.D

Acq: 17 Oct 2019 20:33

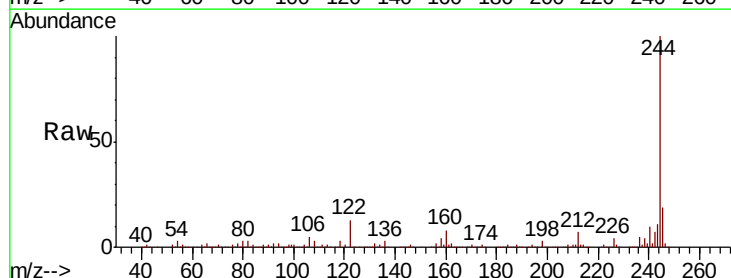
Tgt Ion:244 Resp: 617350

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

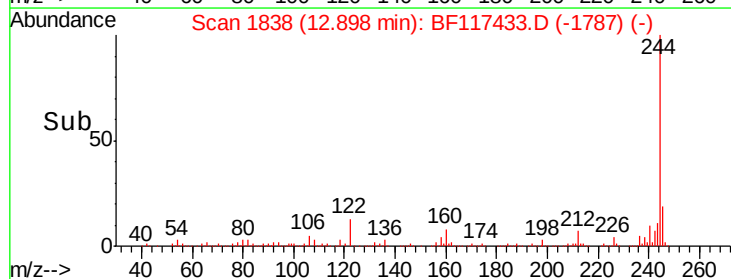
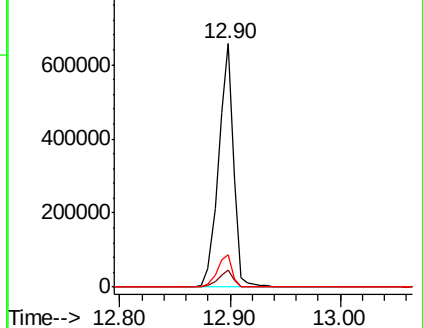
122 13.2 10.7 16.1

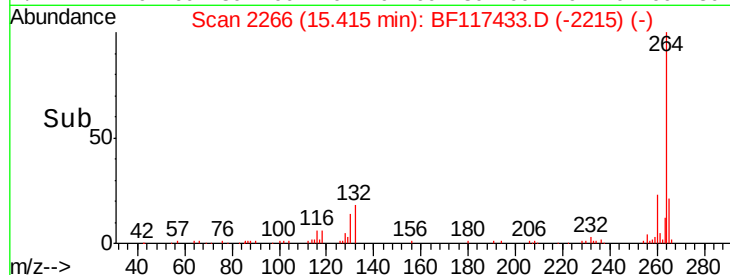
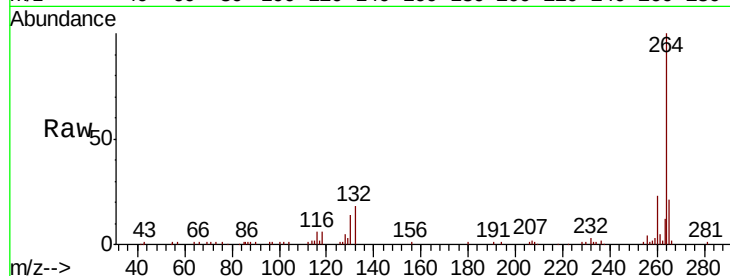
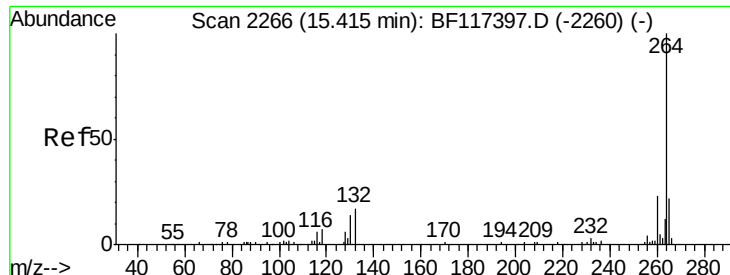


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF117433.D
Acq: 17 Oct 2019 20:33

Instrument :
BNA_F
ClientSampleId :
T-15-E1-(0-20)

Tot Ion:	264	Resp:	132191
Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	20.9	17.4	26.0

