

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110719\
 Data File : BF117715.D
 Acq On : 7 Nov 2019 20:00
 Operator : JU
 Sample : K5723-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 9-C

Quant Time: Nov 08 01:26:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	307346	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	1170621	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	603974	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1087451	20.00	ng	0.00
76) Chrysene-d12	14.12	240	694623	20.00	ng	0.00
87) Perylene-d12	15.64	264	825268	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	1851578	109.05	ng	0.00
7) Phenol-d6	6.55	99	2334201	111.49	ng	0.00
23) Nitrobenzene-d5	7.49	82	1413316	71.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	633136	107.16	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	2418412	79.00	ng	0.00
79) Terphenyl-d14	13.06	244	2309401	68.44	ng	0.00

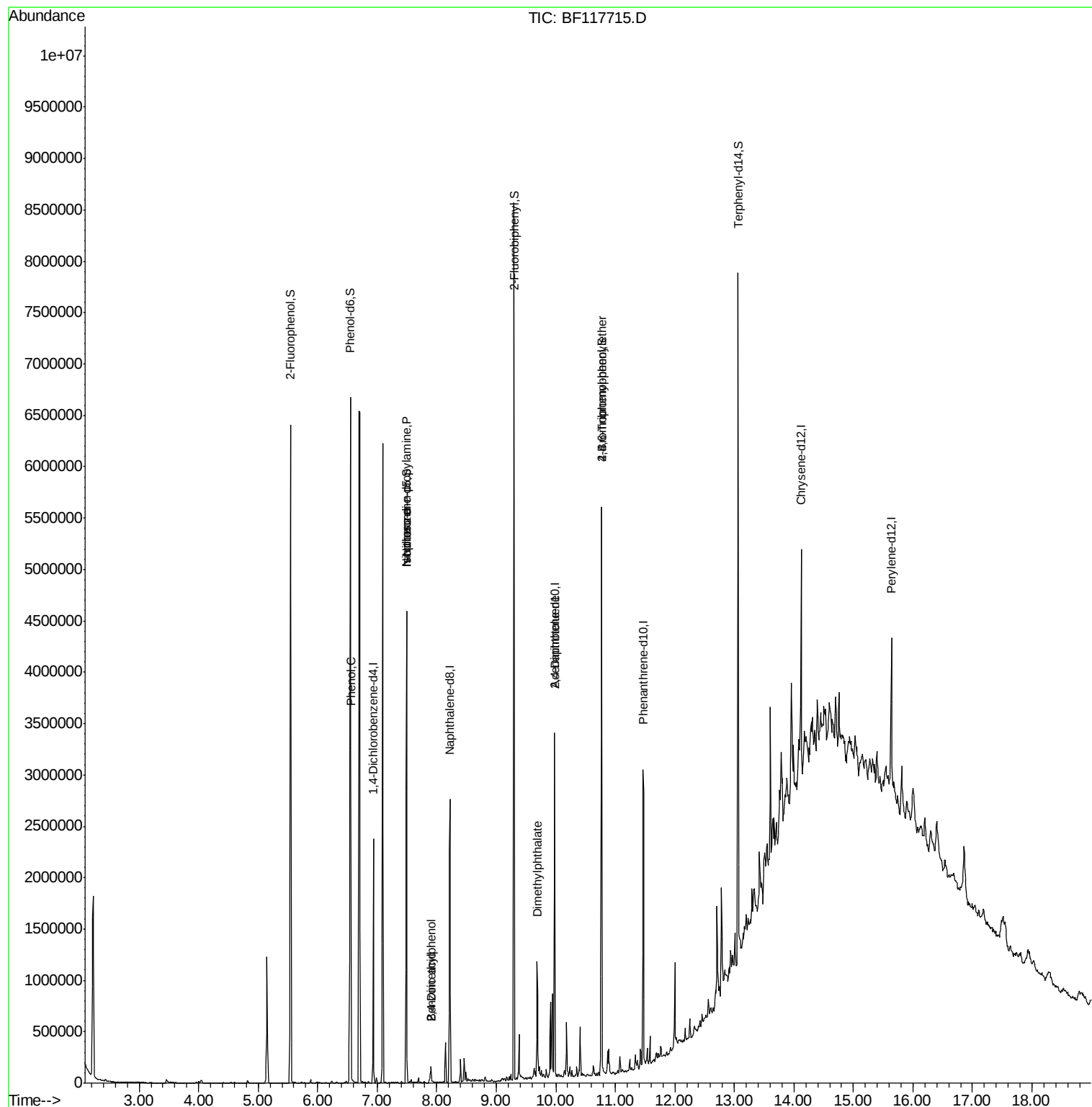
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.56	94	97928	4.341	ng	96
19) n-Nitroso-di-n-propylamine	7.49	70	194495	14.129	ng	# 78
25) Isophorone	7.49	82	1411865	37.229	ng	# 62
27) 2,4-Dimethylphenol	7.90	122	49396	3.048	ng	# 6
32) Benzoic acid	7.90	122	49396	3.850	ng	96
50) Dimethylphthalate	9.69	163	369694	9.054	ng	98
57) 2,4-Dinitrotoluene	9.98	165	81977	6.990	ng	# 28
67) 4-Bromophenyl-phenylether	10.77	248	39683	3.341	ng	# 1

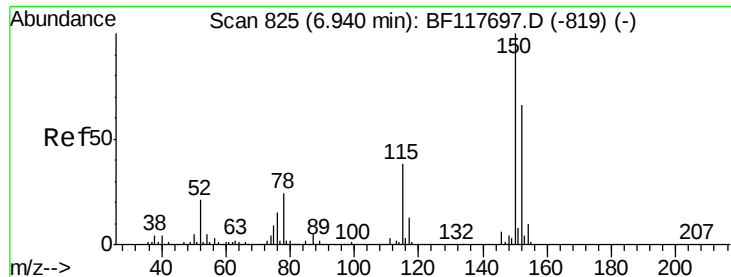
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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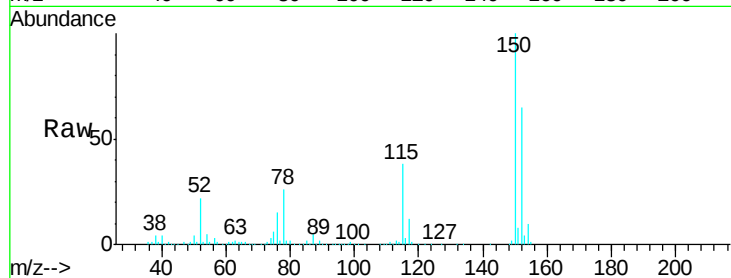


#1

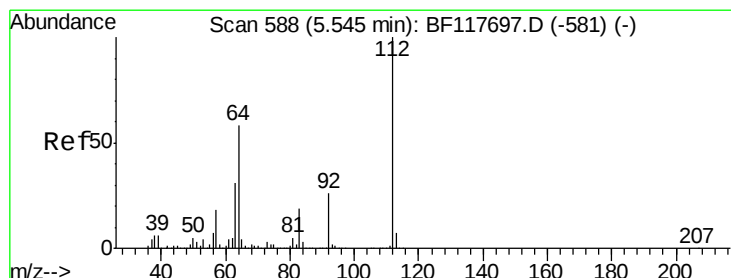
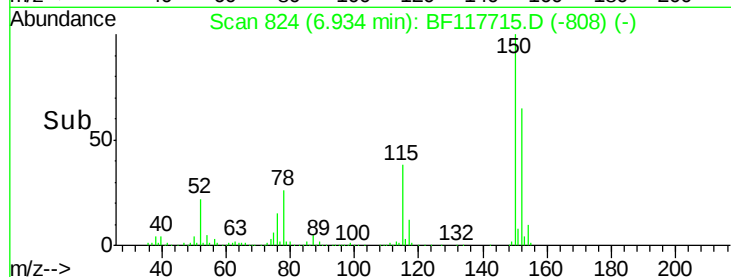
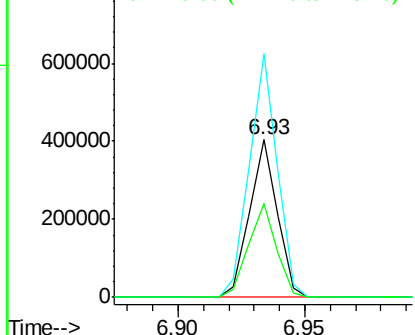
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF117715.D
Acq: 7 Nov 2019 20:00

Instrument :
BNA_F
ClientSampleId :
9-C

Tgt Ion:152 Resp: 307346
Ion Ratio Lower Upper
152 100
150 154.6 121.4 182.2
115 59.4 46.7 70.1



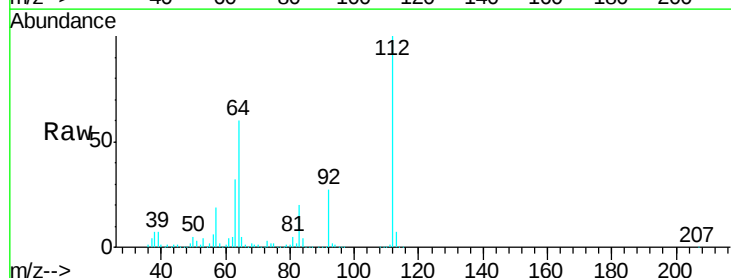
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



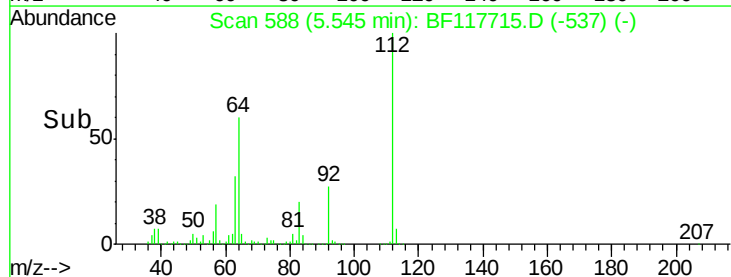
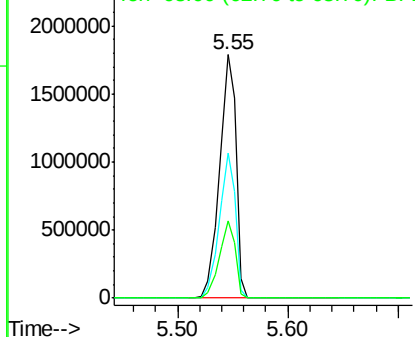
#5

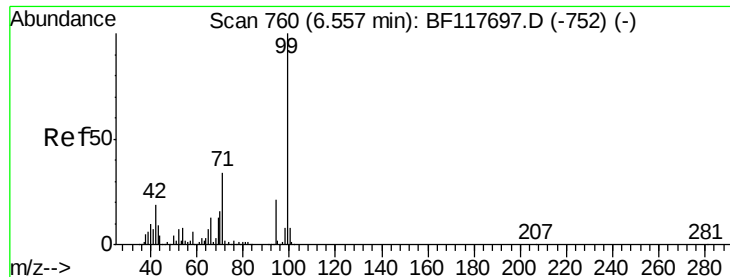
2-Fluorophenol
Concen: 109.051 ng
RT: 5.55 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF117715.D
Acq: 7 Nov 2019 20:00

Tgt Ion:112 Resp: 1851578
Ion Ratio Lower Upper
112 100
64 59.7 46.4 69.6
63 31.8 24.6 37.0



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: 111.494 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117715.D

Acq: 7 Nov 2019 20:00

Instrument :

BNA_F

ClientSampleId :

9-C

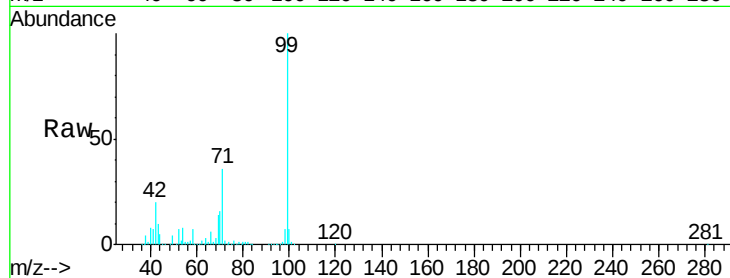
Tgt Ion: 99 Resp: 2334201

Ion Ratio Lower Upper

99 100

42 20.2 15.3 22.9

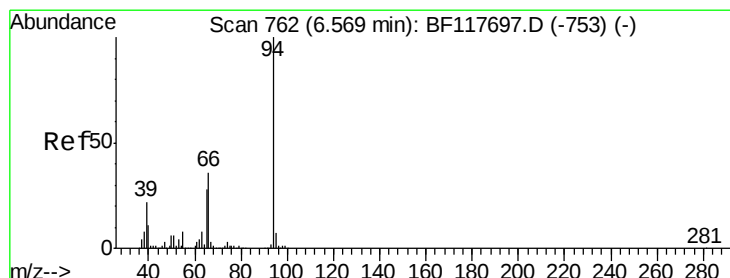
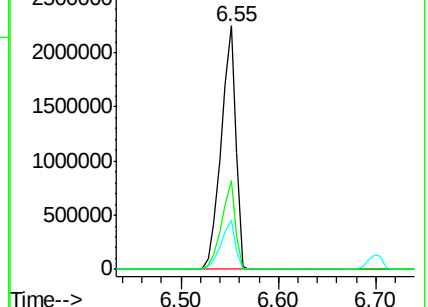
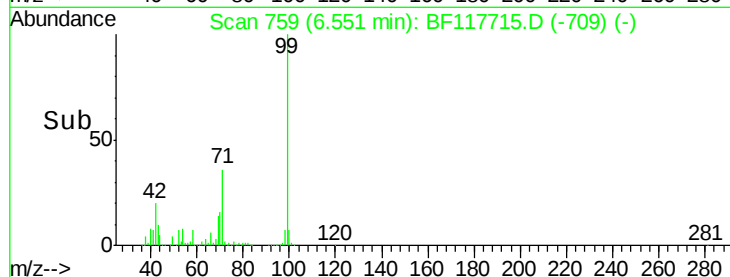
71 36.4 26.8 40.2



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: 4.341 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF117715.D

Acq: 7 Nov 2019 20:00

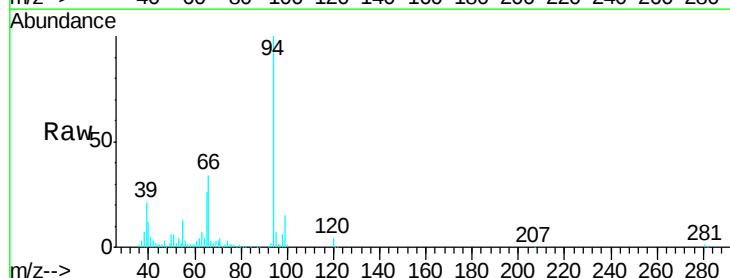
Tgt Ion: 94 Resp: 97928

Ion Ratio Lower Upper

94 100

65 25.9 7.6 47.6

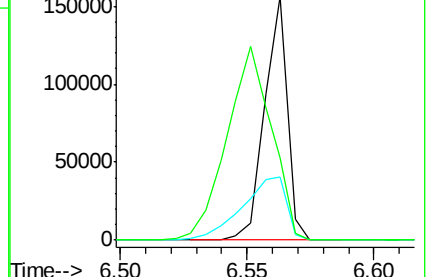
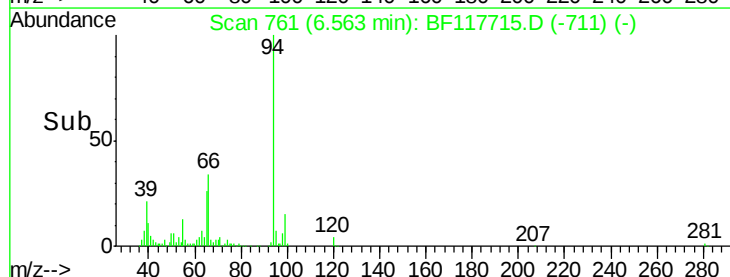
66 33.7 16.1 56.1

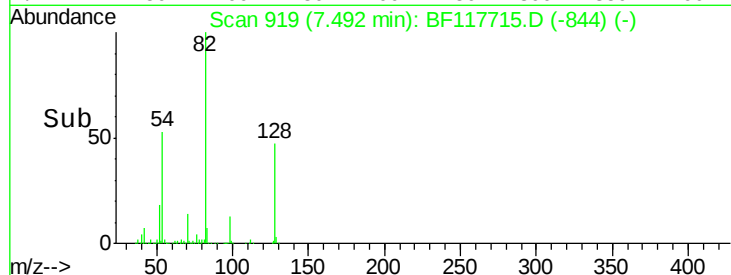
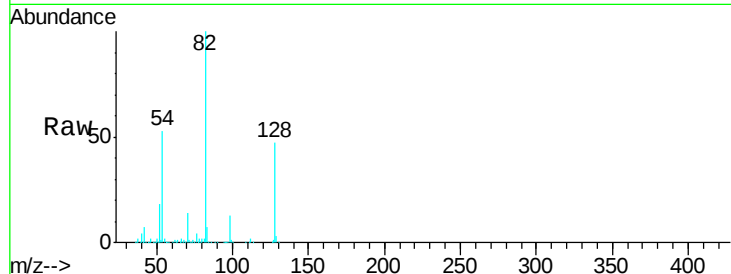
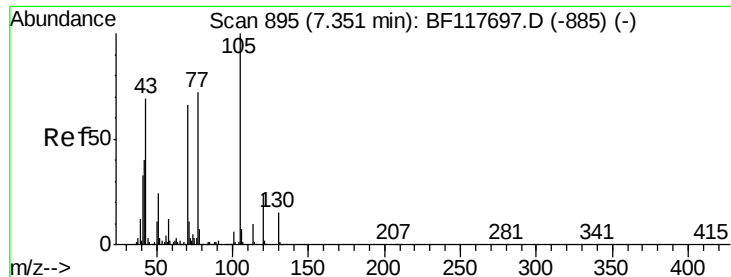


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

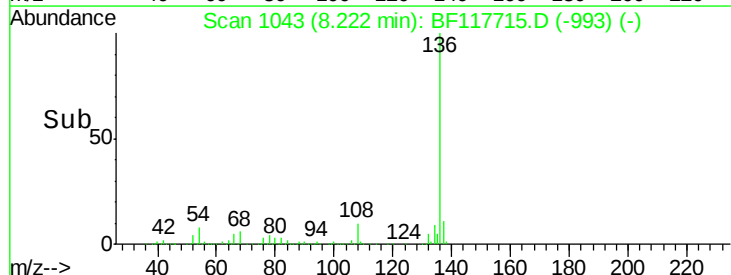
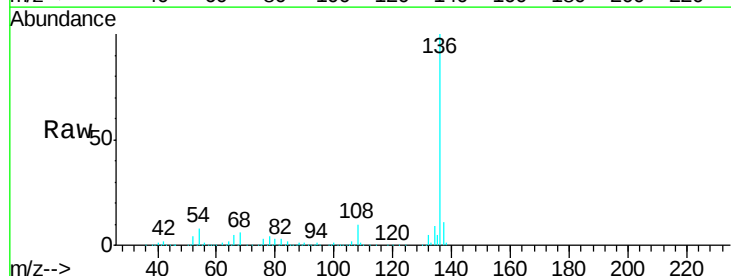
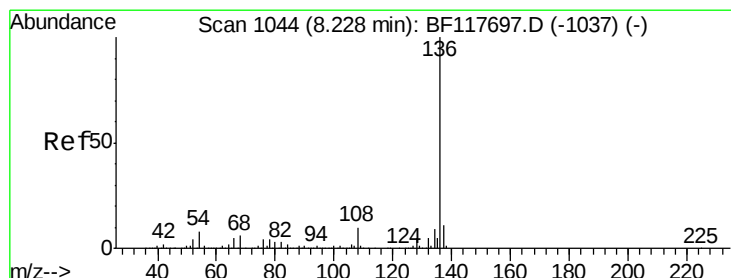
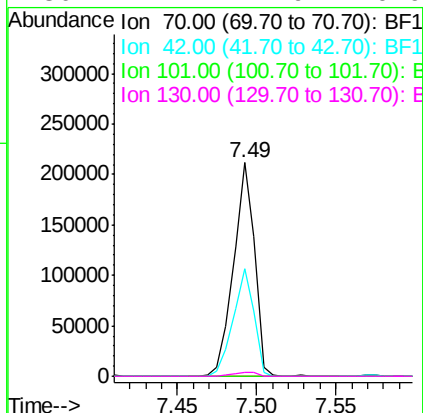




#19
n-Nitroso-di-n-propylamine
Concen: 14.129 ng
RT: 7.49 min Scan# 919
Delta R.T. 0.14 min
Lab File: BF117715.D
Acq: 7 Nov 2019 20:00

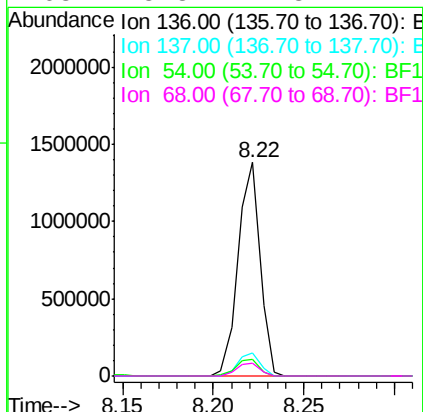
Instrument :
BNA_F
ClientSampleId :
9-C

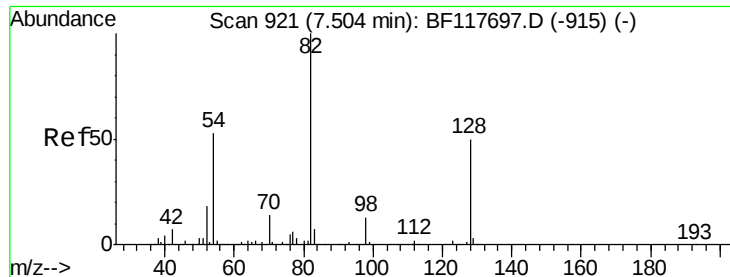
Tgt Ion:	70	Resp:	194495
Ion	Ratio	Lower	Upper
70	100		
42	50.6	49.1	73.7
101	0.0	7.8	11.8#
130	2.1	17.9	26.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF117715.D
Acq: 7 Nov 2019 20:00

Tgt Ion:	136	Resp:	1170621
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.7	6.0	9.0
68	5.8	4.8	7.2

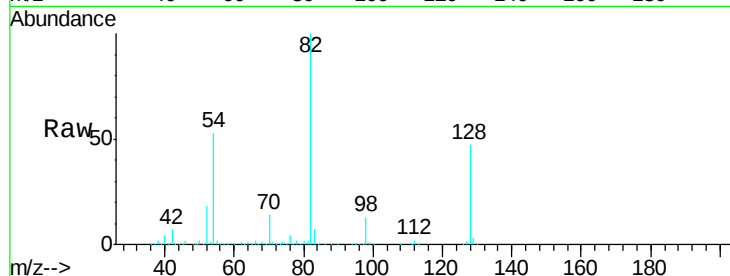




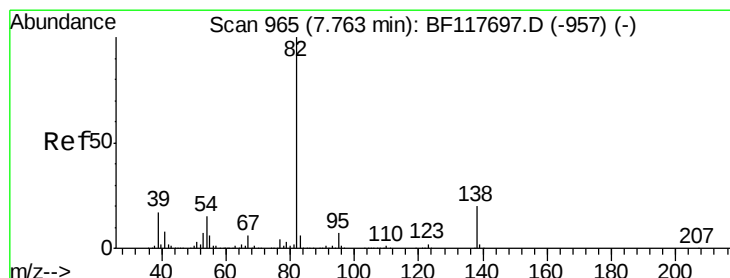
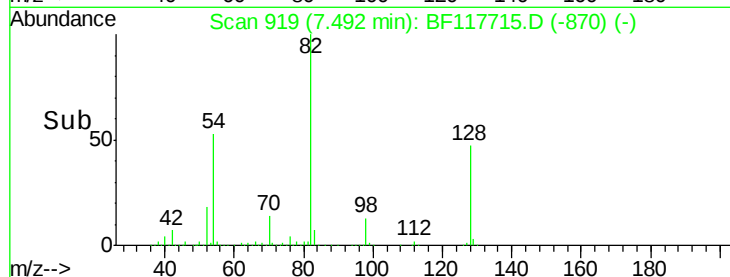
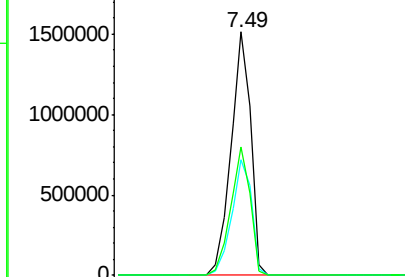
#23
Nitrobenzene-d5
Concen: 71.279 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF117715.D
Acq: 7 Nov 2019 20:00

Instrument :
BNA_F
ClientSampleId :
9-C

Tgt Ion: 82 Resp: 1413316
Ion Ratio Lower Upper
82 100
128 47.3 40.2 60.2
54 52.9 42.0 63.0

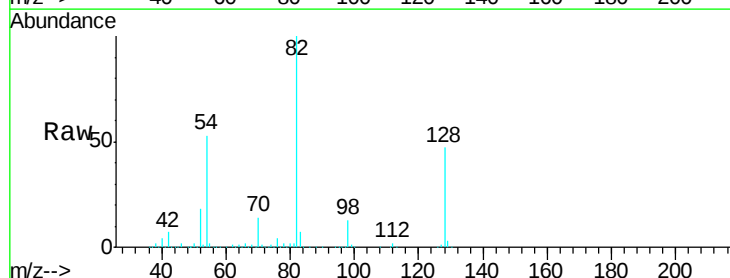


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

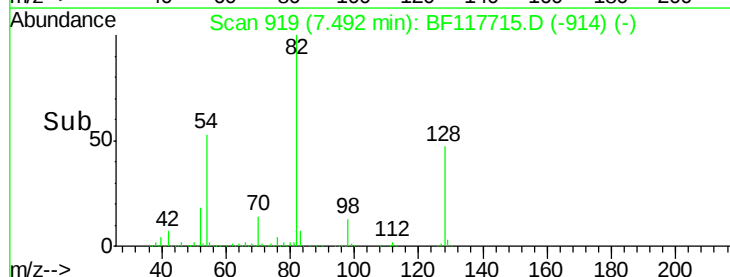
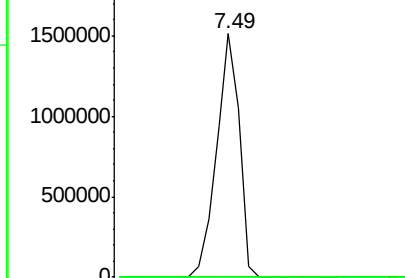


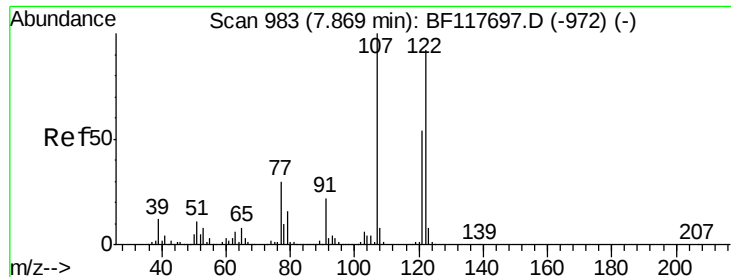
#25
Isophorone
Concen: 37.229 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.27 min
Lab File: BF117715.D
Acq: 7 Nov 2019 20:00

Tgt Ion: 82 Resp: 1411865
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 16.2 24.2#



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





#27

2,4-Dimethylphenol

Concen: 3.048 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.04 min

Lab File: BF117715.D

Acq: 7 Nov 2019 20:00

Instrument :

BNA_F

ClientSampleId :

9-C

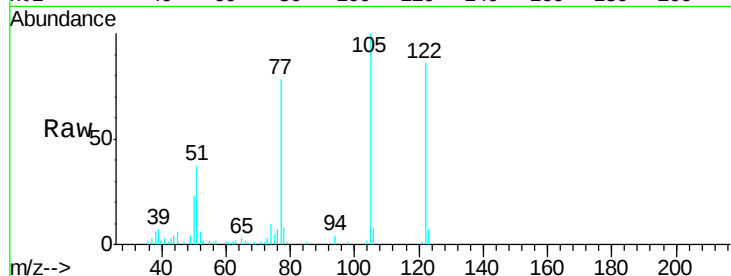
Tgt Ion:122 Resp: 49396

Ion Ratio Lower Upper

122 100

107 0.0 87.1 130.7#

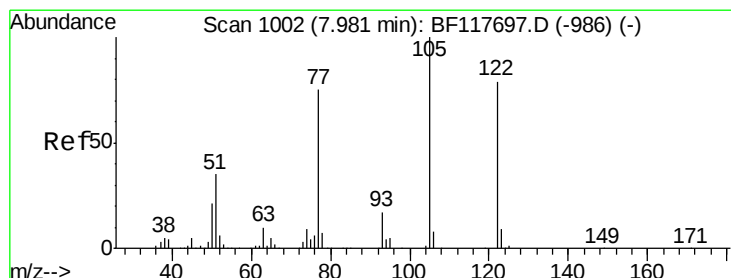
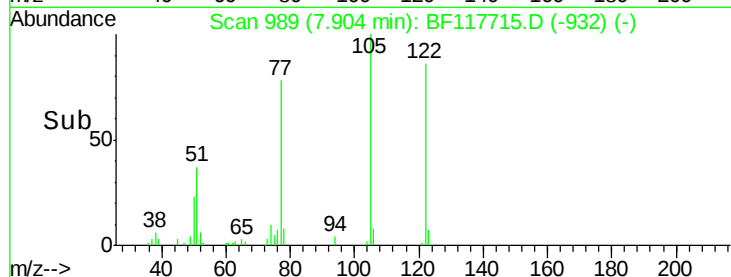
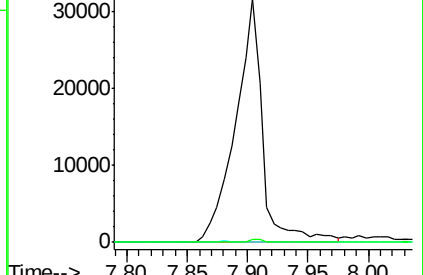
121 1.4 46.9 70.3#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#32

Benzoic acid

Concen: 3.850 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.08 min

Lab File: BF117715.D

Acq: 7 Nov 2019 20:00

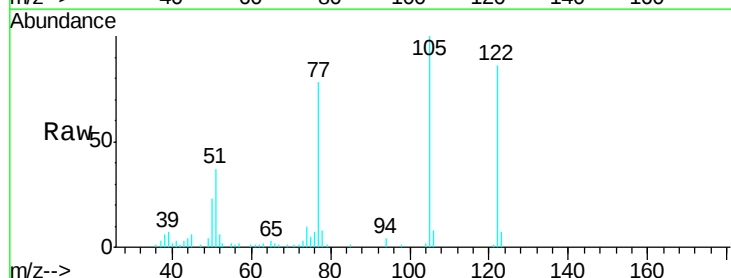
Tgt Ion:122 Resp: 49396

Ion Ratio Lower Upper

122 100

105 116.4 102.8 142.8

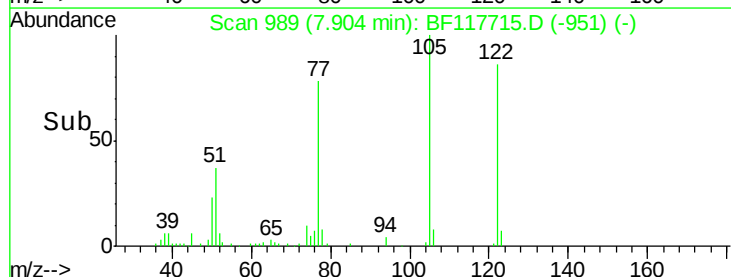
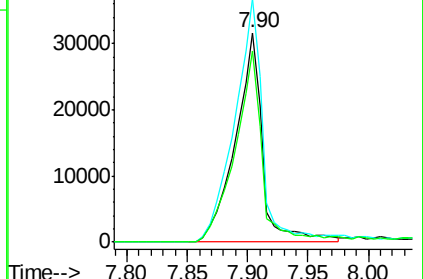
77 91.2 73.2 113.2

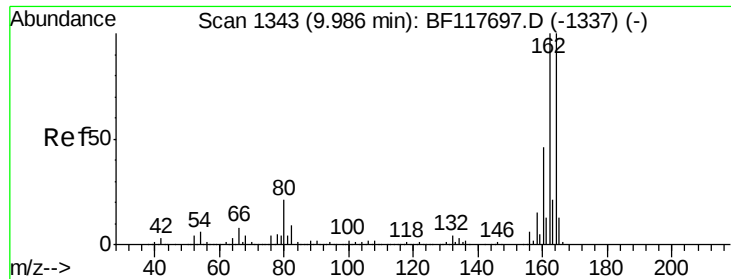


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

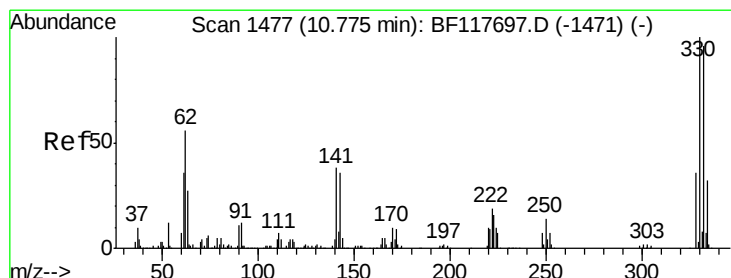
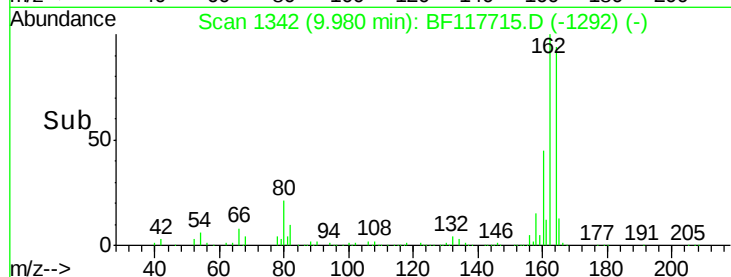
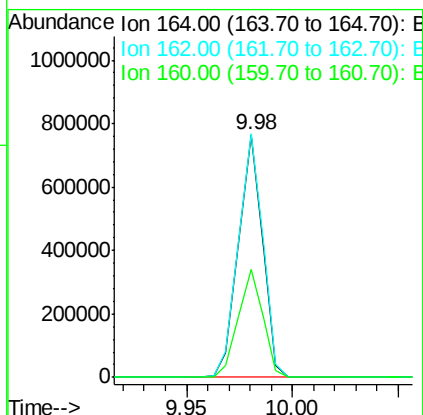
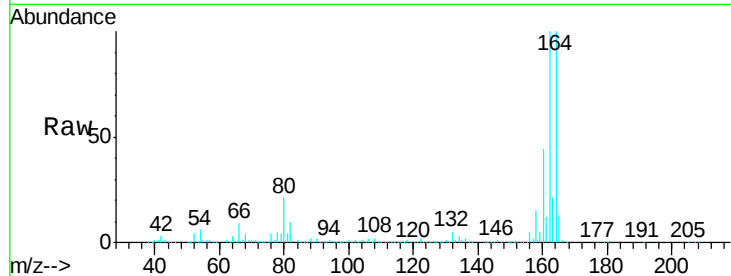




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF117715.D
 Acq: 7 Nov 2019 20:00

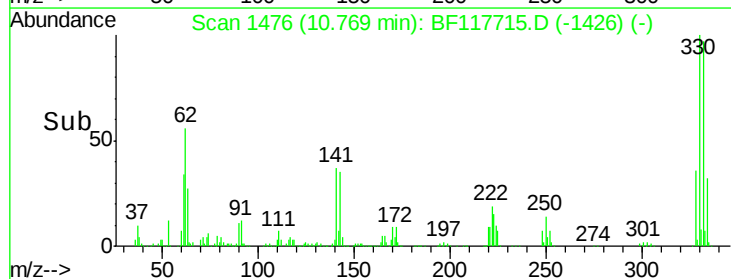
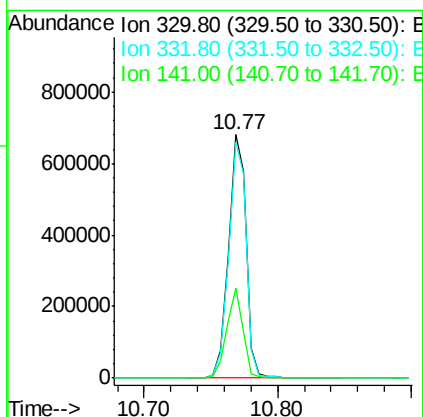
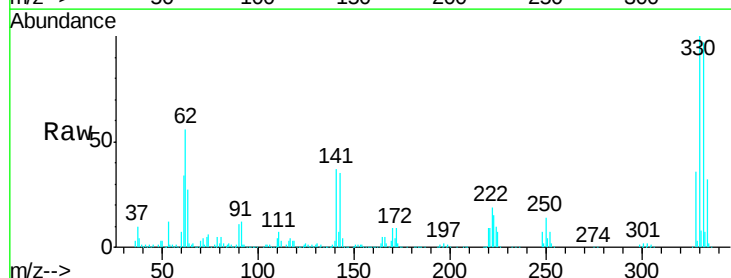
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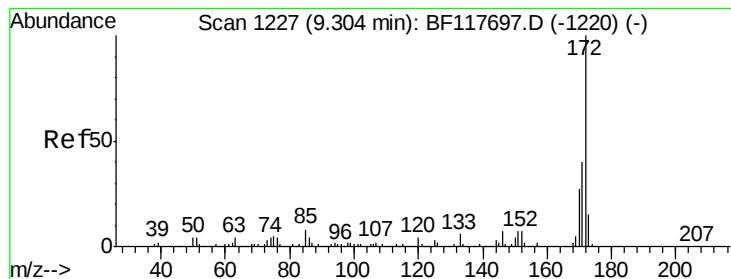
Tgt Ion:164 Resp: 603974
 Ion Ratio Lower Upper
 164 100
 162 100.3 79.7 119.5
 160 44.6 36.5 54.7



#42
 2,4,6-Tribromophenol
 Concen: 107.162 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF117715.D
 Acq: 7 Nov 2019 20:00

Tgt Ion:330 Resp: 633136
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.0
 141 34.5 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 79.003 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF117715.D

Acq: 7 Nov 2019 20:00

Instrument :

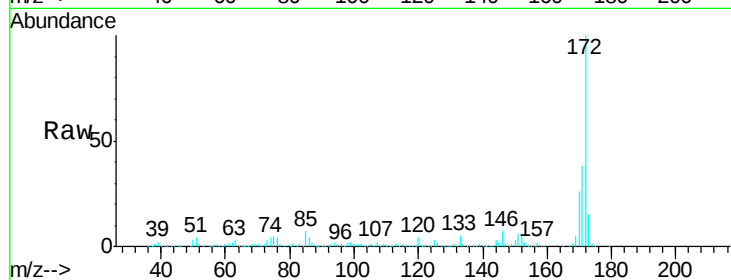
BNA_F

ClientSampleId :

9-C

Tgt Ion:172 Resp: 2418412

Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.8	47.8
170	26.1	21.6	32.4

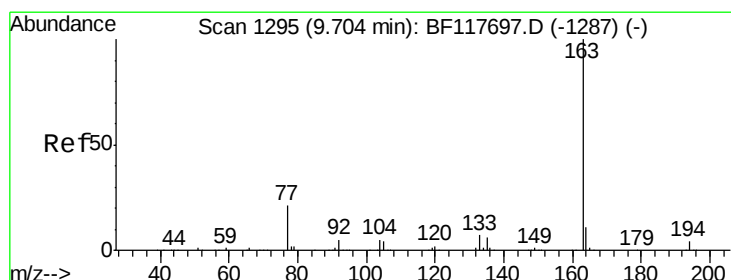
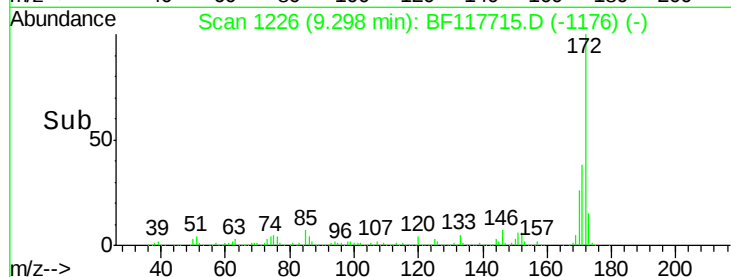
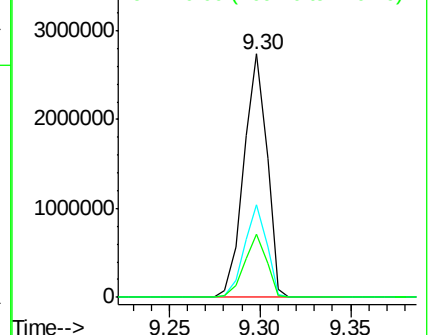


Abundance

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: 9.054 ng

RT: 9.69 min Scan# 1292

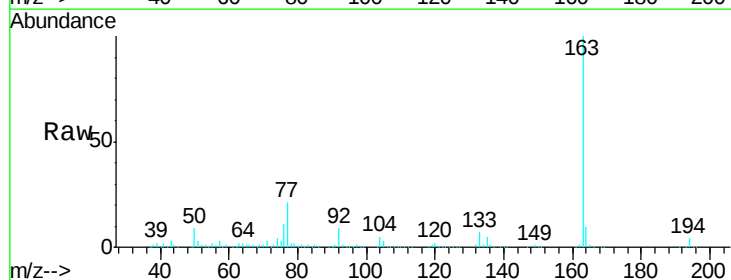
Delta R.T. -0.02 min

Lab File: BF117715.D

Acq: 7 Nov 2019 20:00

Tgt Ion:163 Resp: 369694

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.4	8.9	13.3

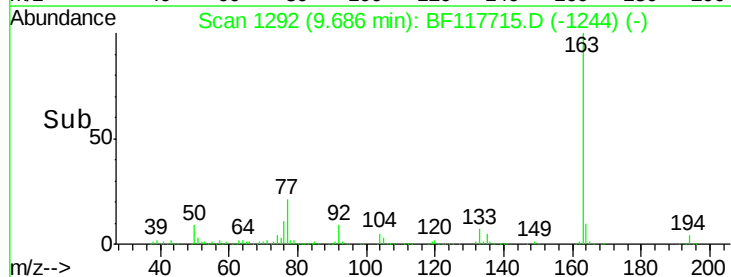
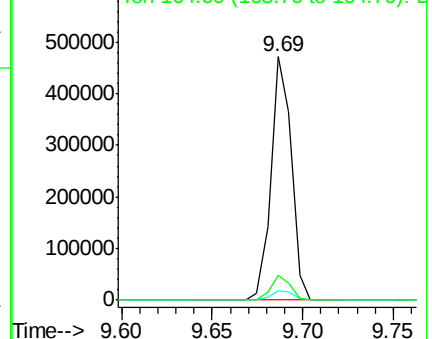


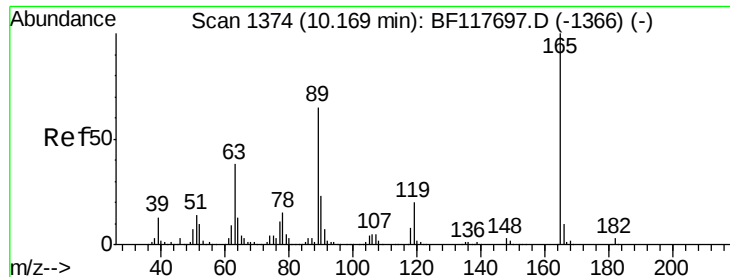
Abundance

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

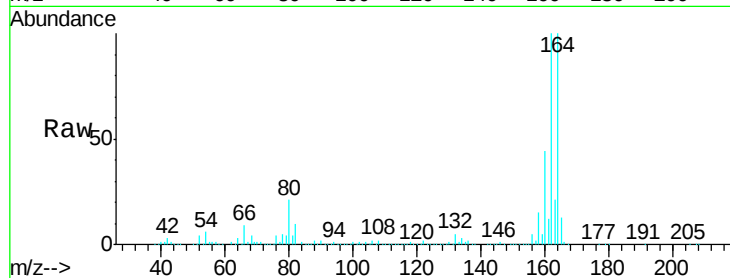




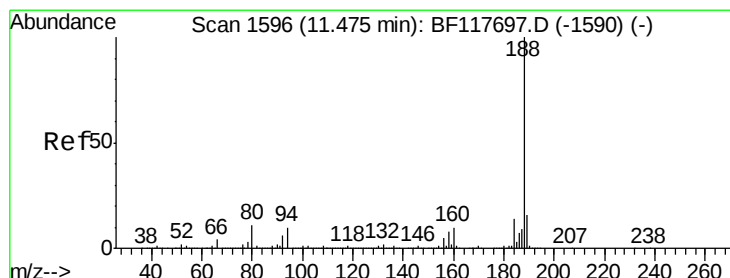
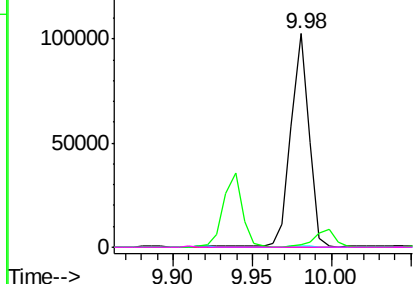
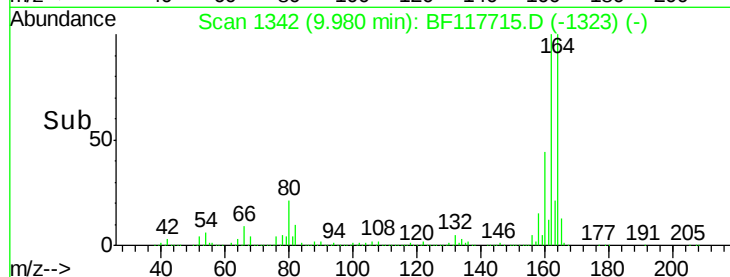
#57
 2,4-Dinitrotoluene
 Concen: 6.990 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.19 min
 Lab File: BF117715.D
 Acq: 7 Nov 2019 20:00

Instrument :
 BNA_F
 ClientSampleId :
 9-C

Tgt Ion:165 Resp: 81977
 Ion Ratio Lower Upper
 165 100
 63 0.9 30.4 45.6#
 89 1.2 52.2 78.4#
 182 0.0 2.3 3.5#

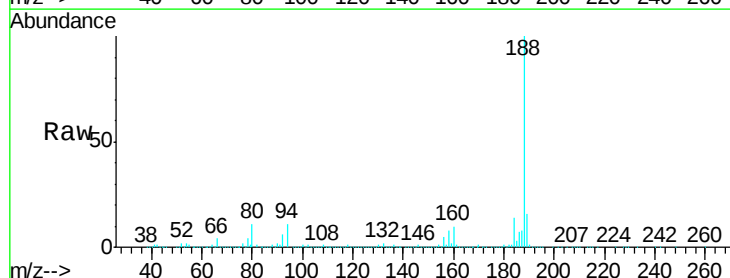


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

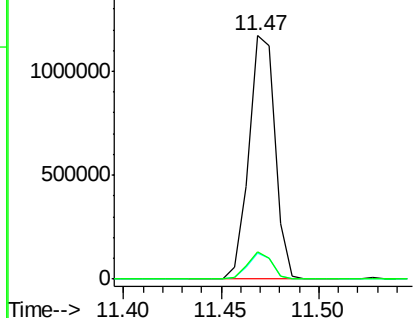
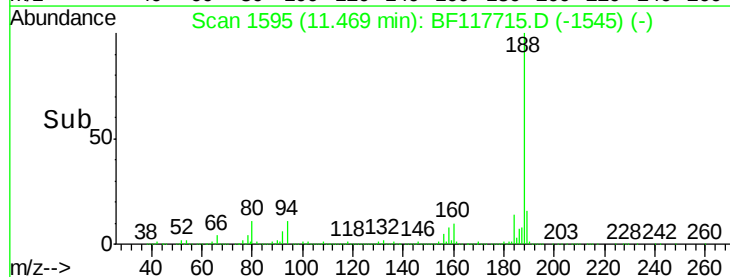


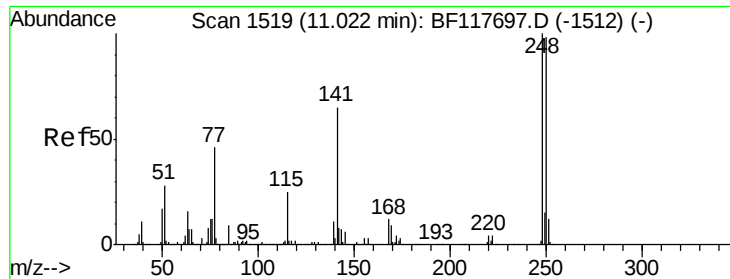
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF117715.D
 Acq: 7 Nov 2019 20:00

Tgt Ion:188 Resp: 1087451
 Ion Ratio Lower Upper
 188 100
 94 10.7 8.2 12.4
 80 11.5 8.6 13.0



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

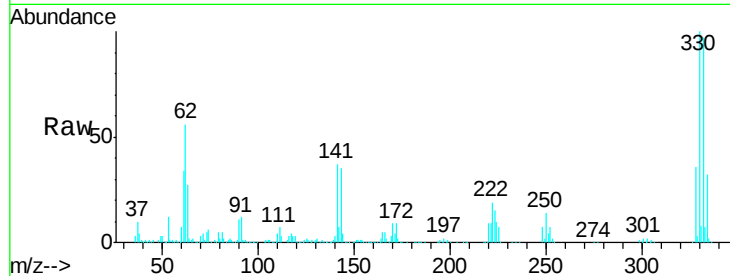




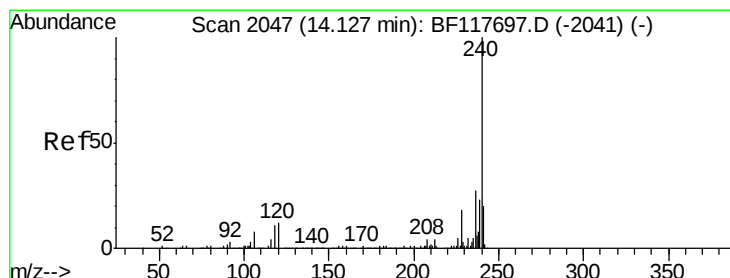
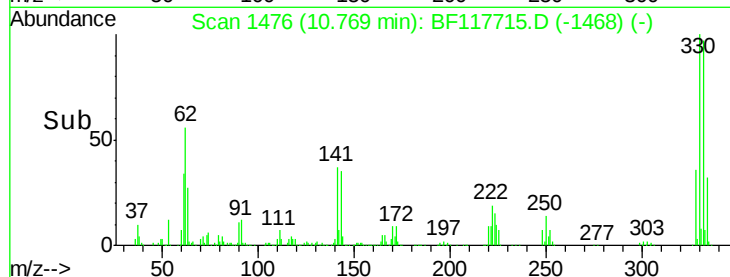
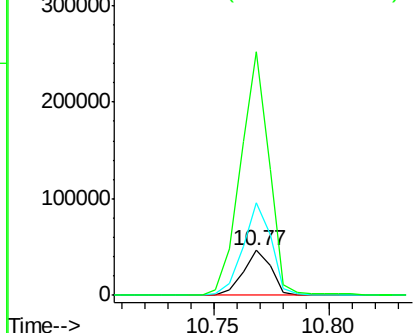
#67
 4-Bromophenyl-phenylether
 Concen: 3.341 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.25 min
 Lab File: BF117715.D
 Acq: 7 Nov 2019 20:00

Instrument :
 BNA_F
 ClientSampleId :
 9-C

Tgt Ion:248 Resp: 39683
 Ion Ratio Lower Upper
 248 100
 250 206.9 78.7 118.1#
 141 544.0 51.8 77.8#

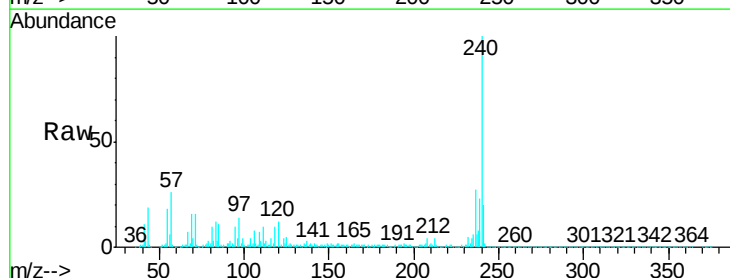


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

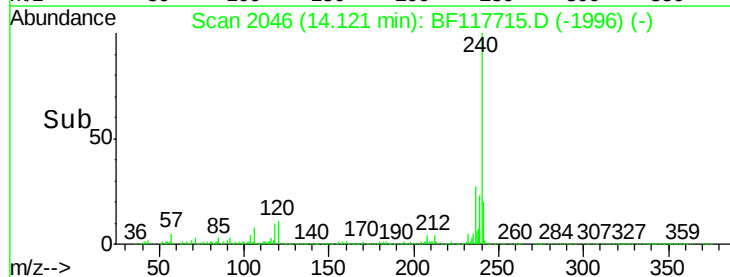
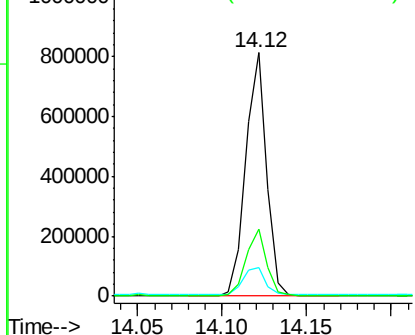


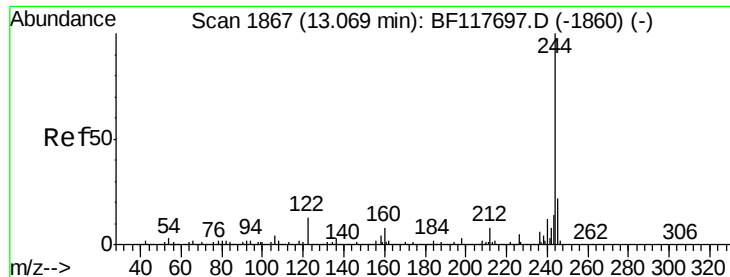
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BF117715.D
 Acq: 7 Nov 2019 20:00

Tgt Ion:240 Resp: 694623
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.7 14.5
 236 27.3 21.9 32.9



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





#79

Terphenyl-d14

Concen: 68.441 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF117715.D

Acq: 7 Nov 2019 20:00

Instrument :

BNA_F

ClientSampleId :

9-C

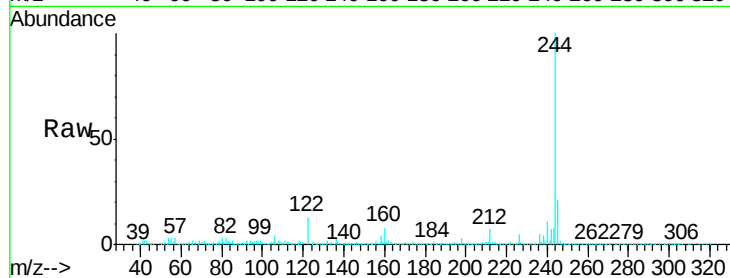
Tgt Ion:244 Resp: 2309401

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

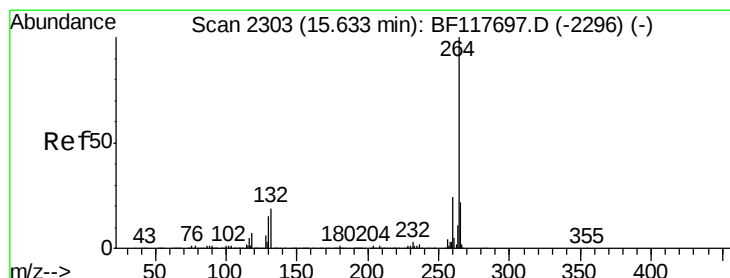
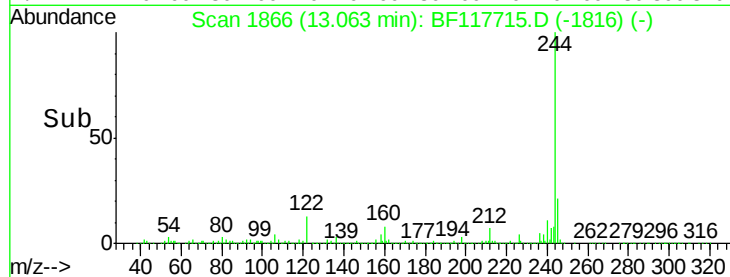
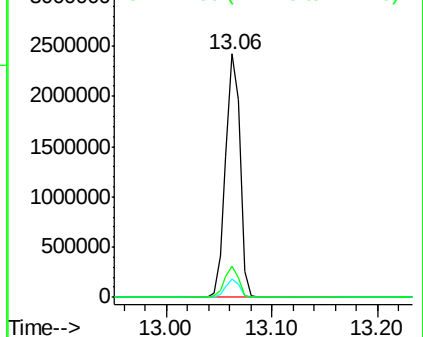
122 12.9 10.0 15.0



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: 15.64 min Scan# 2304

Delta R.T. 0.01 min

Lab File: BF117715.D

Acq: 7 Nov 2019 20:00

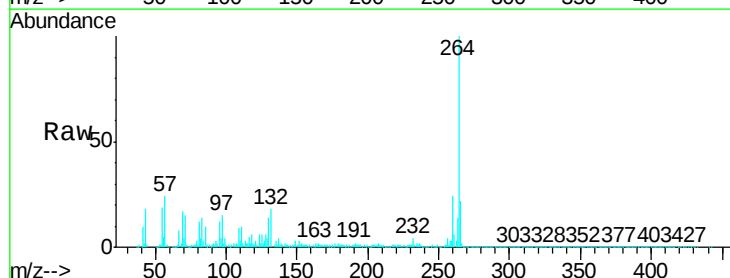
Tgt Ion:264 Resp: 825268

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 22.3 17.7 26.5



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

