

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101019\
 Data File : BF117364.D
 Acq On : 10 Oct 2019 17:08
 Operator : JU
 Sample : K5297-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Oct 11 05:26:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

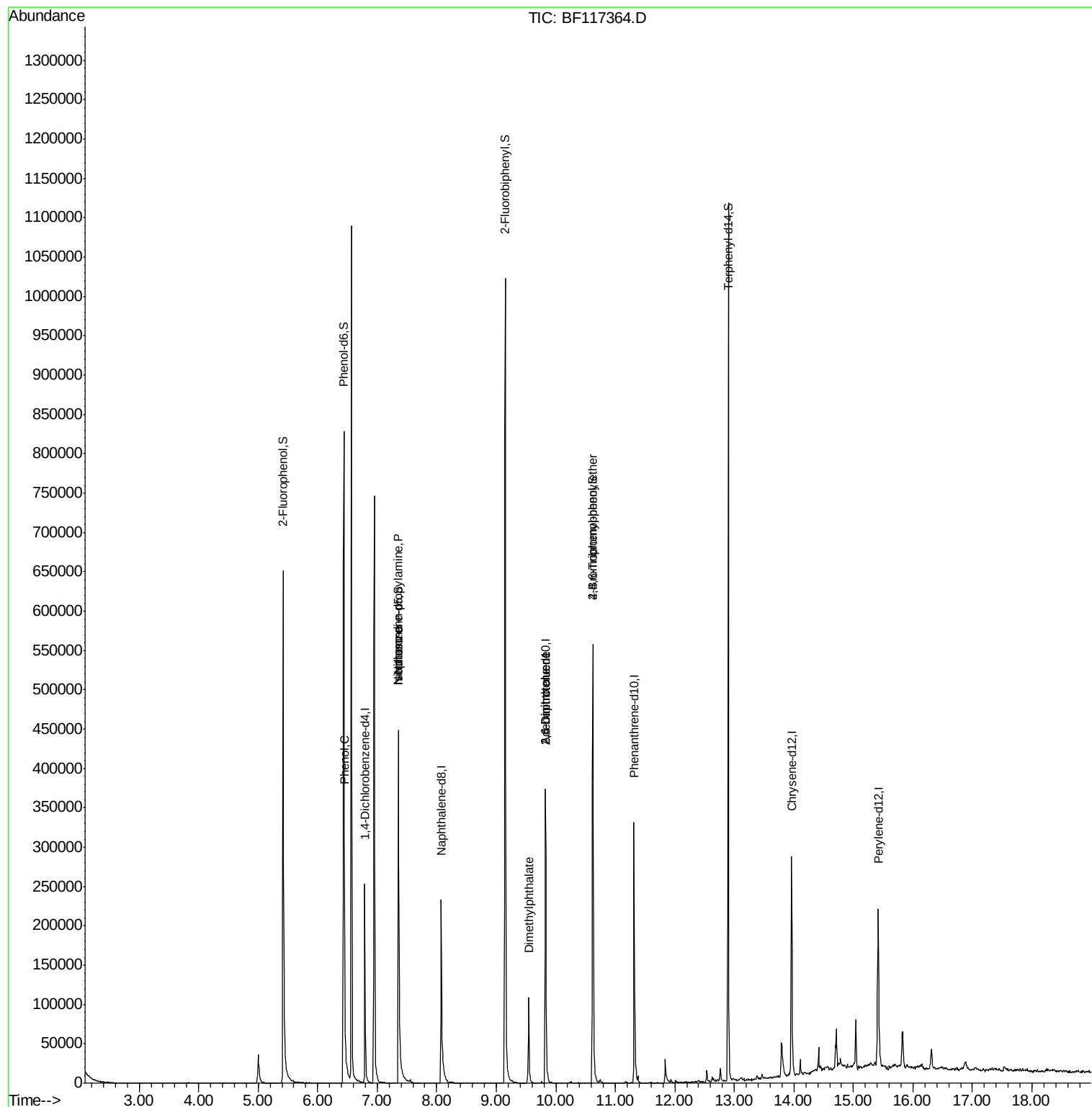
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	41516	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	167636	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	88929	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	149929	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	102160	20.00	ng	-0.01
87) Perylene-d12	15.42	264	91036	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	253758	95.43	ng	0.00
7) Phenol-d6	6.44	99	352203	102.49	ng	-0.01
23) Nitrobenzene-d5	7.36	82	206352	64.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	71850	96.67	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	367400	64.60	ng	-0.01
79) Terphenyl-d14	12.90	244	354512	64.87	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.44	77	315	Below Cal		Qvalue
10) Phenol	6.45	94	10586	2.794 ng	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	27605	13.192 ng	#	81
25) Isophorone	7.36	82	206351	36.529 ng	#	66
50) Dimethylphthalate	9.55	163	54446	8.647 ng		99
51) 2,6-Dinitrotoluene	9.83	165	11171	8.711 ng	#	24
57) 2,4-Dinitrotoluene	9.83	165	11171	6.711 ng	#	18
67) 4-Bromophenyl-phenylether	10.62	248	4540	2.965 ng	#	1

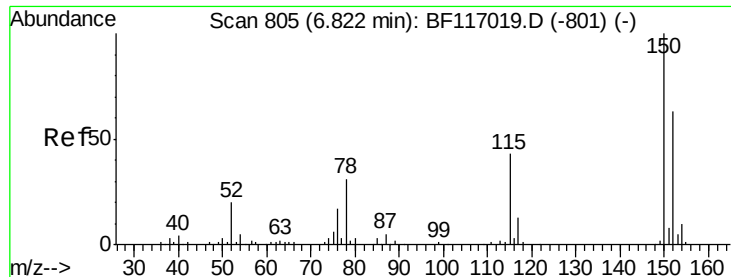
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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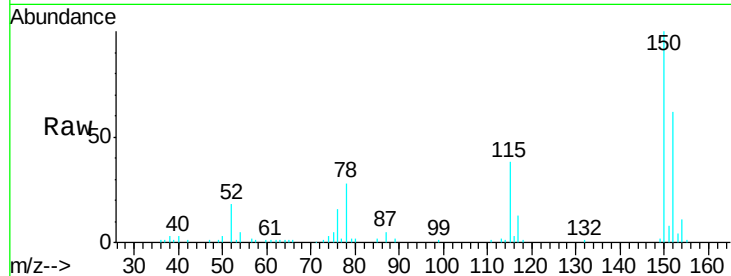


#1

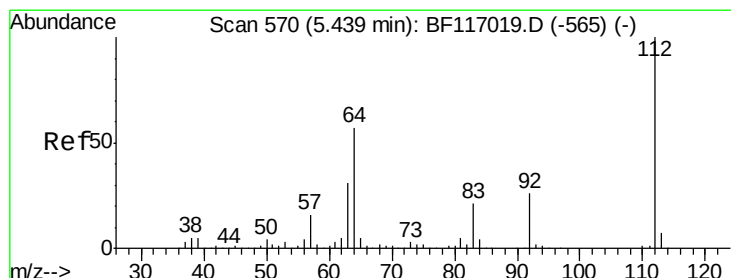
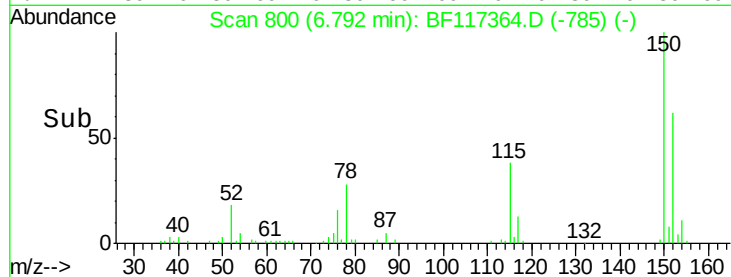
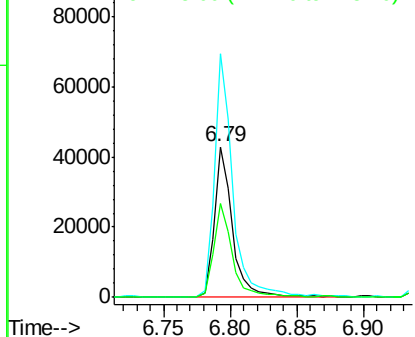
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF117364.D
Acq: 10 Oct 2019 17:08

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 41516
Ion Ratio Lower Upper
152 100
150 161.9 127.5 191.3
115 62.3 55.0 82.4



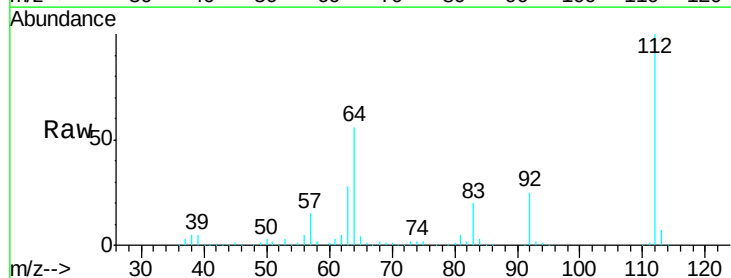
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



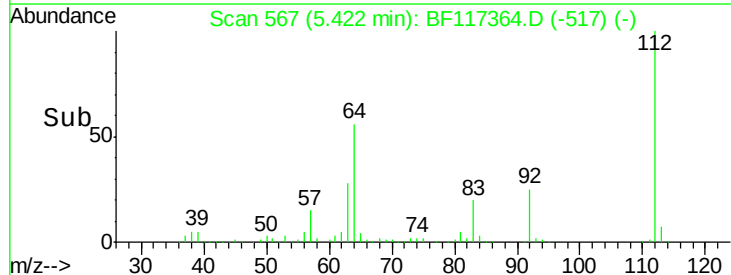
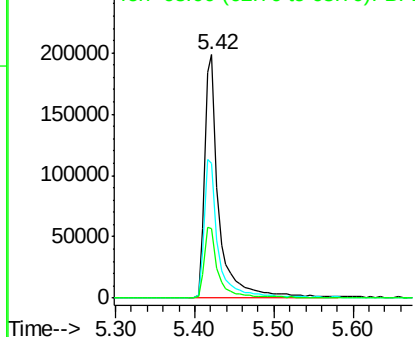
#5

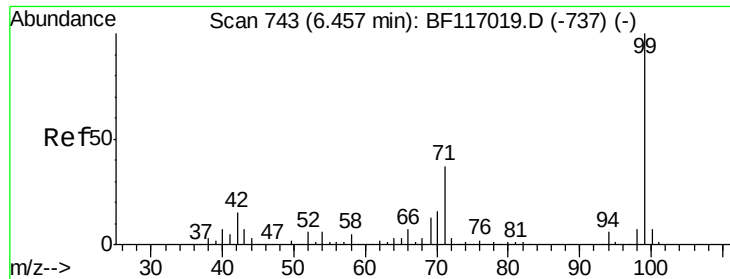
2-Fluorophenol
Concen: 95.428 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF117364.D
Acq: 10 Oct 2019 17:08

Tgt Ion:112 Resp: 253758
Ion Ratio Lower Upper
112 100
64 55.6 45.7 68.5
63 28.3 24.9 37.3



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: 102.486 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF117364.D

Acq: 10 Oct 2019 17:08

Instrument :

BNA_F

ClientSampleId :

TP-5

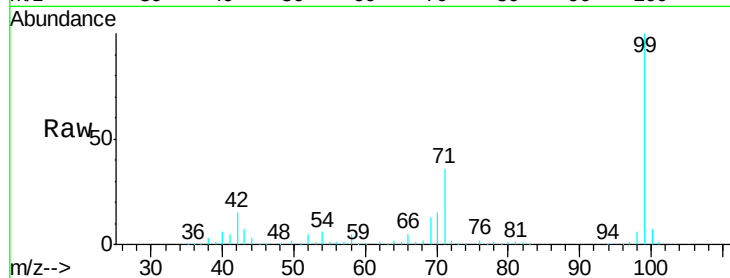
Tgt Ion: 99 Resp: 352203

Ion Ratio Lower Upper

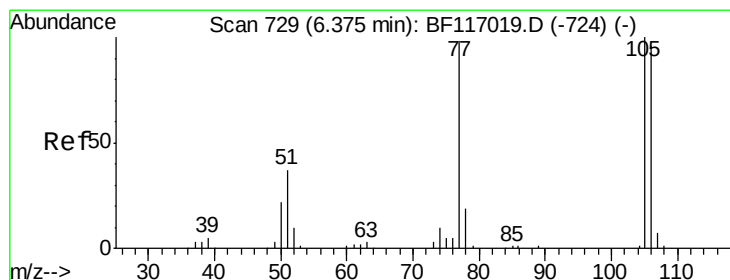
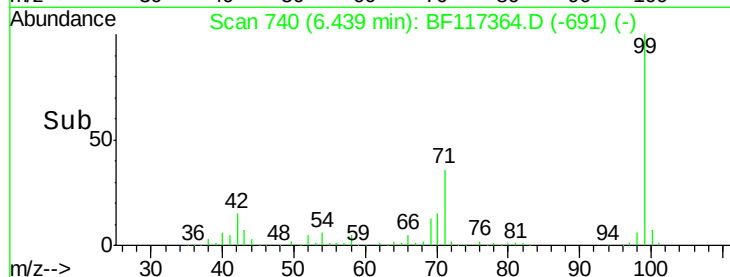
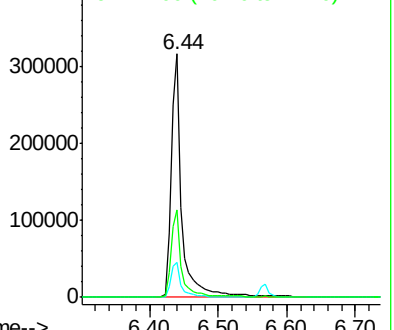
99 100

42 14.5 12.2 18.2

71 35.8 29.8 44.8



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.44 min Scan# 740

Delta R.T. 0.08 min

Lab File: BF117364.D

Acq: 10 Oct 2019 17:08

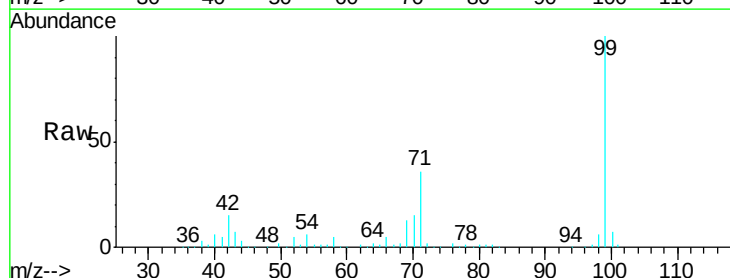
Tgt Ion: 77 Resp: 315

Ion Ratio Lower Upper

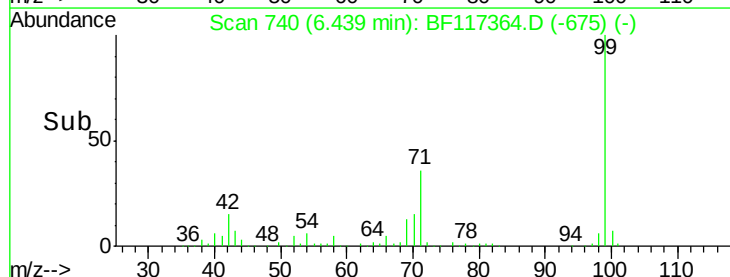
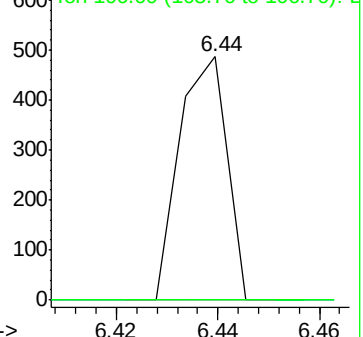
77 100

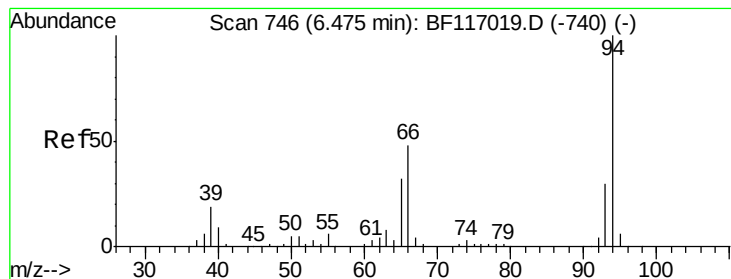
105 0.0 81.8 121.8#

106 0.0 77.3 117.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.794 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117364.D

Acq: 10 Oct 2019 17:08

Instrument :

BNA_F

ClientSampleId :

TP-5

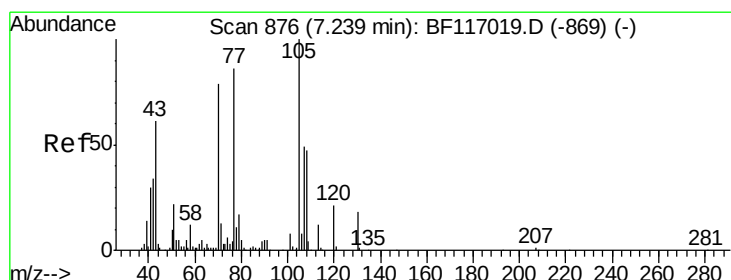
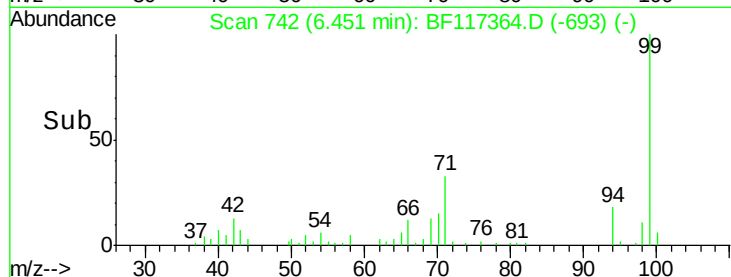
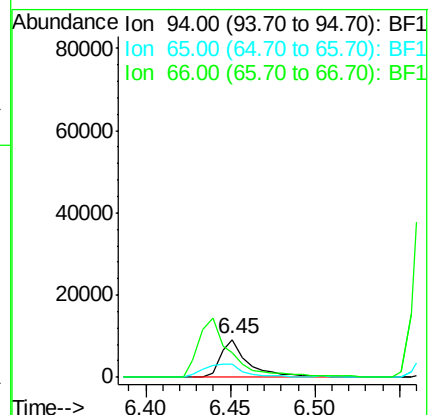
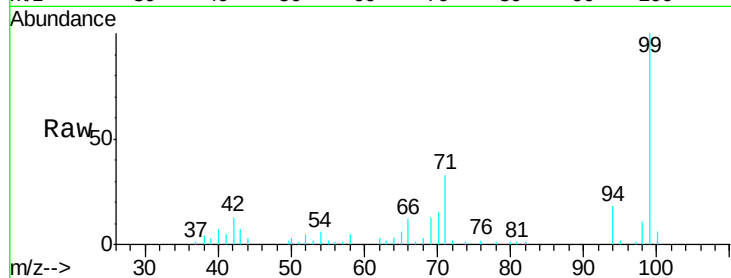
Tgt Ion: 94 Resp: 10586

Ion Ratio Lower Upper

94 100

65 33.6 12.5 52.5

66 63.8 28.9 68.9



#19

n-Nitroso-di-n-propylamine

Concen: 13.192 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.14 min

Lab File: BF117364.D

Acq: 10 Oct 2019 17:08

Tgt Ion: 70 Resp: 27605

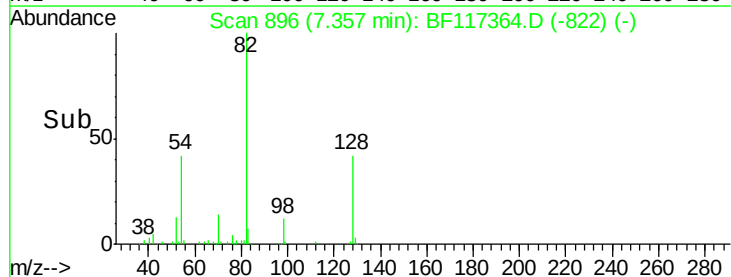
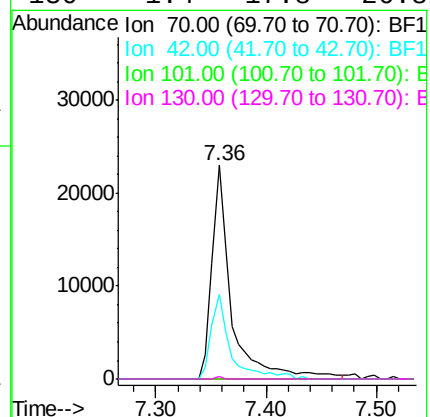
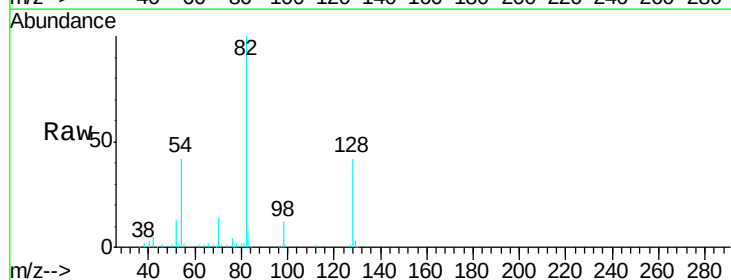
Ion Ratio Lower Upper

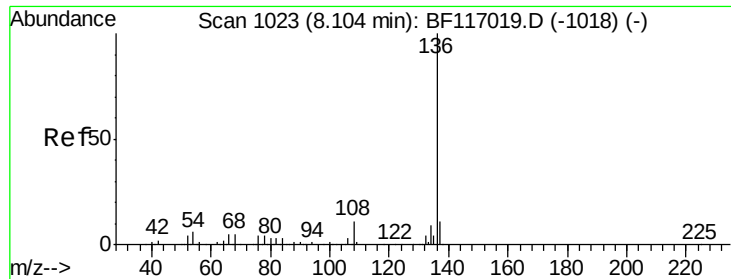
70 100

42 39.3 34.0 51.0

101 0.0 7.8 11.6#

130 1.4 17.8 26.8#

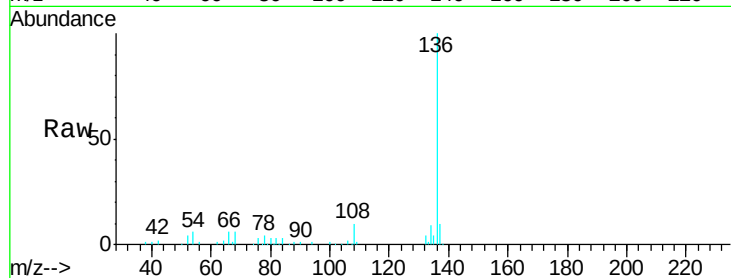




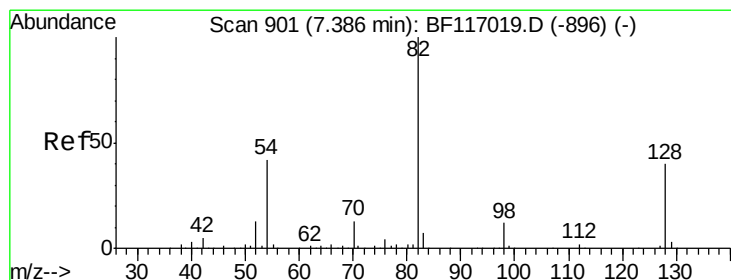
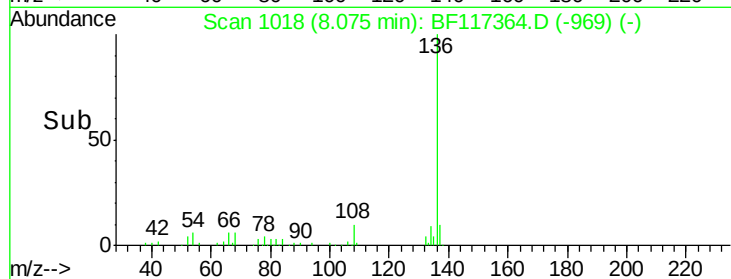
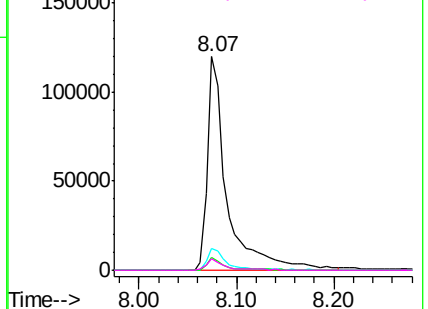
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF117364.D
Acq: 10 Oct 2019 17:08

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:	136	Resp:	167636
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	6.1	4.5	6.7
68	5.6	4.0	6.0

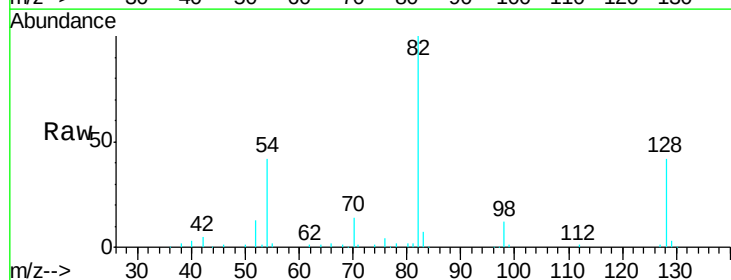


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

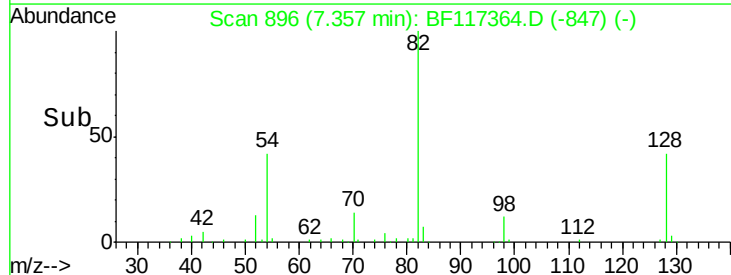
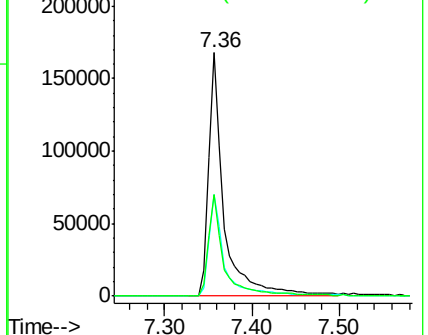


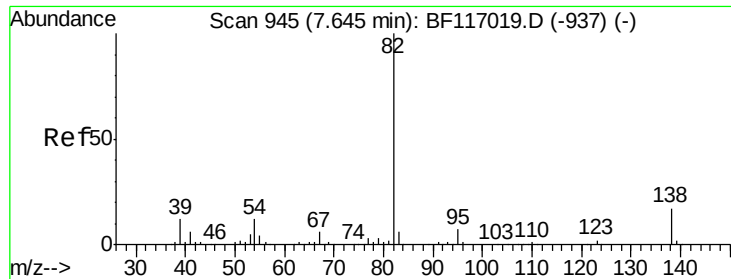
#23
Nitrobenzene-d5
Concen: 64.677 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF117364.D
Acq: 10 Oct 2019 17:08

Tgt Ion:	82	Resp:	206352
Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.3	48.5
54	41.7	33.3	49.9



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





#25

Isophorone

Concen: 36.529 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.27 min

Lab File: BF117364.D

Acq: 10 Oct 2019 17:08

Instrument :

BNA_F

ClientSampleId :

TP-5

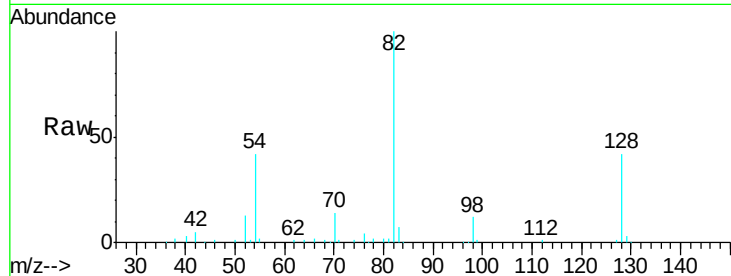
Tgt Ion: 82 Resp: 206351

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

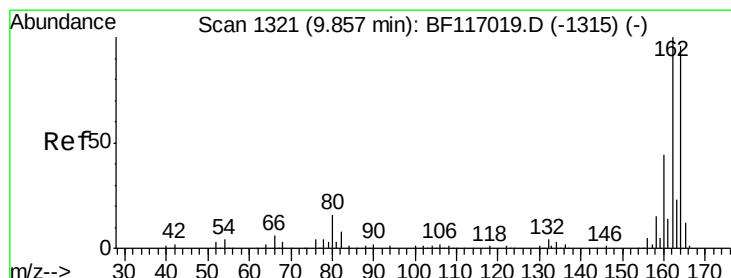
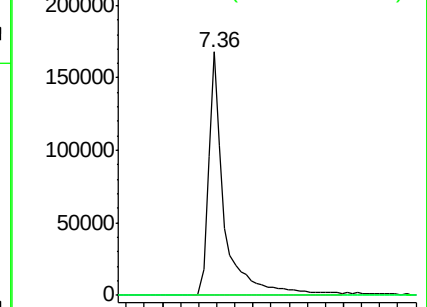
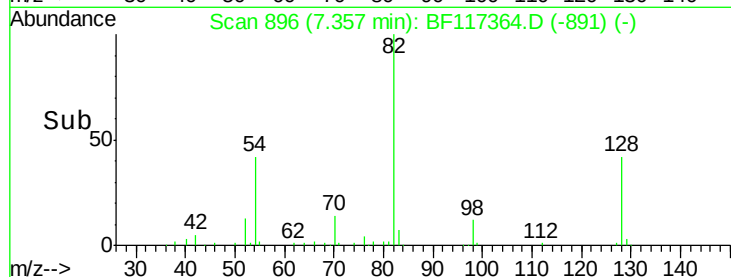
138 0.0 13.5 20.3#



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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF117364.D

Acq: 10 Oct 2019 17:08

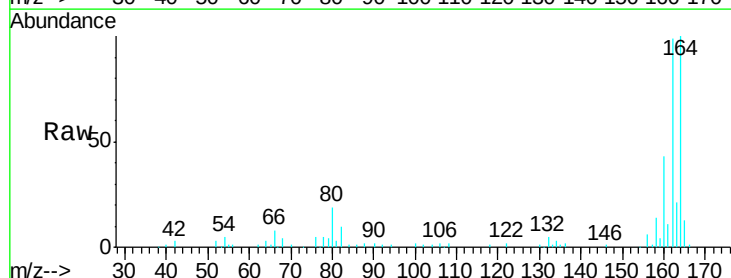
Tgt Ion: 164 Resp: 88929

Ion Ratio Lower Upper

164 100

162 99.3 83.4 125.2

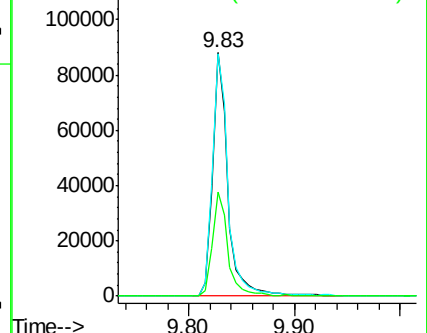
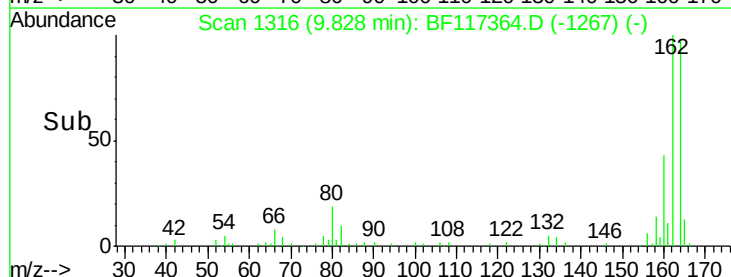
160 42.7 36.4 54.6

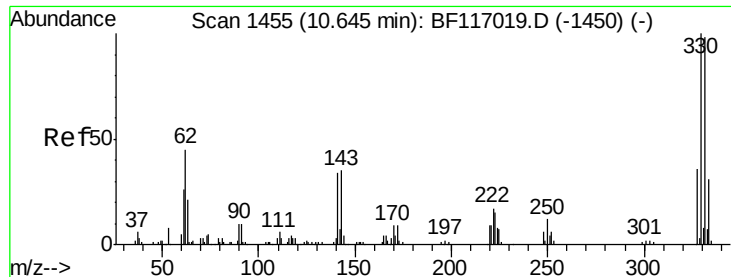


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 96.671 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF117364.D

Acq: 10 Oct 2019 17:08

Instrument :

BNA_F

ClientSampled :

TP-5

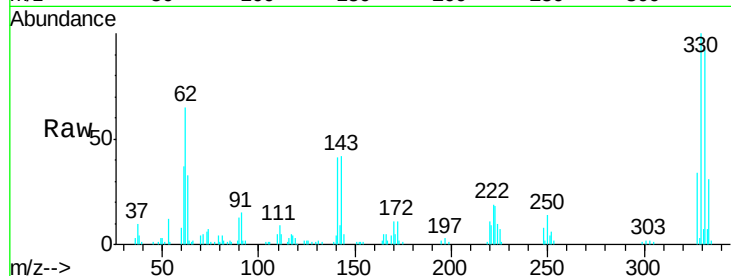
Tgt Ion:330 Resp: 71850

Ion Ratio Lower Upper

330 100

332 93.2 78.0 117.0

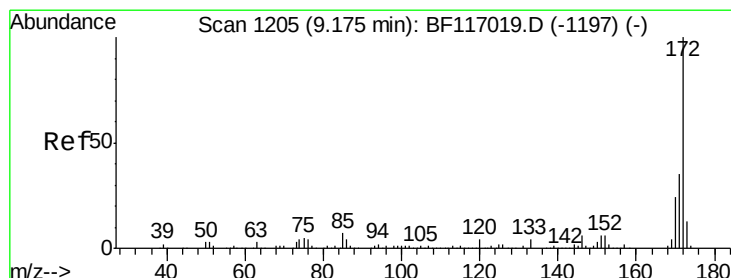
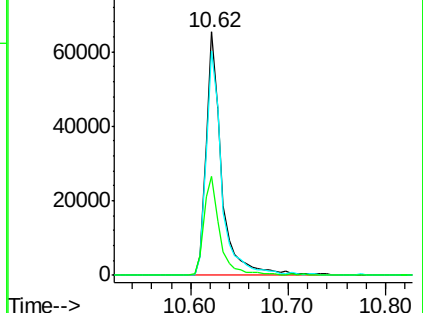
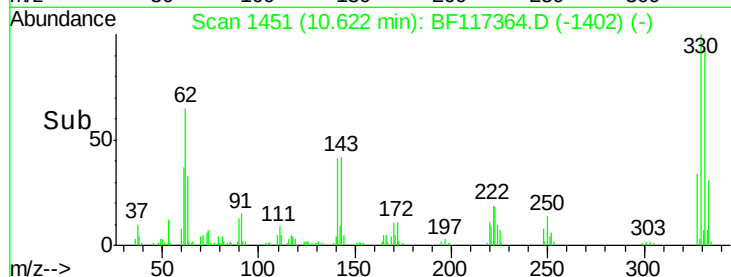
141 41.6 35.8 53.6



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: 64.597 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF117364.D

Acq: 10 Oct 2019 17:08

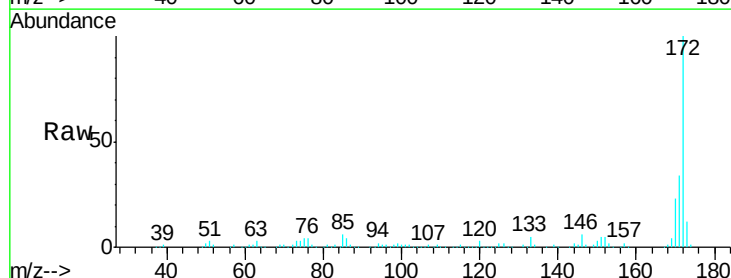
Tgt Ion:172 Resp: 367400

Ion Ratio Lower Upper

172 100

171 34.2 28.2 42.2

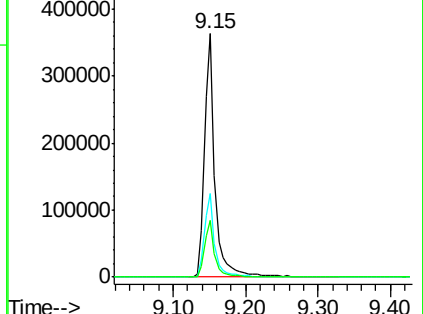
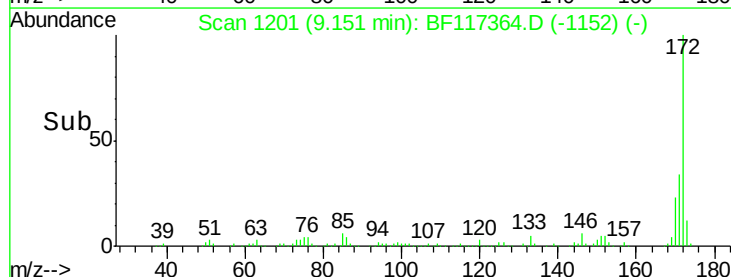
170 23.1 18.9 28.3

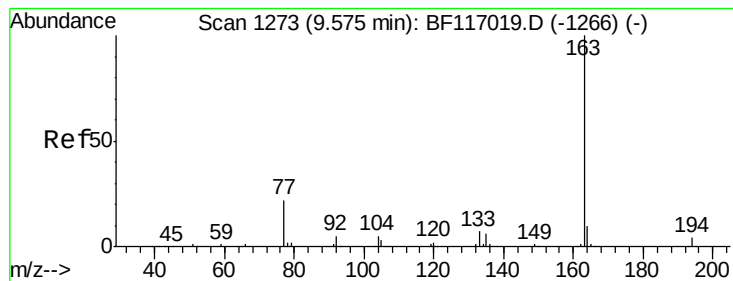


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.647 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF117364.D

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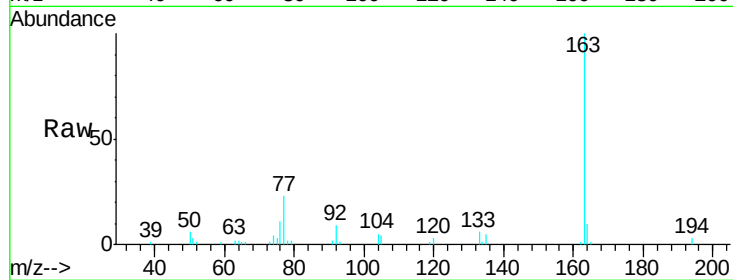
Tgt Ion:163 Resp: 54446

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

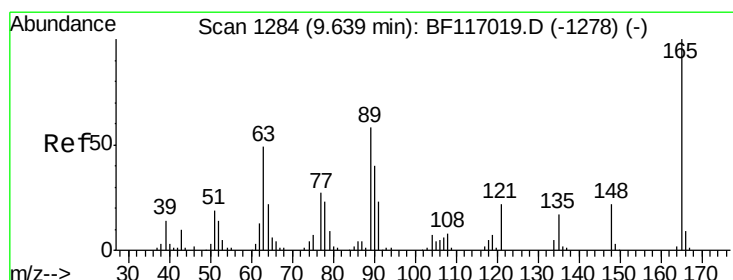
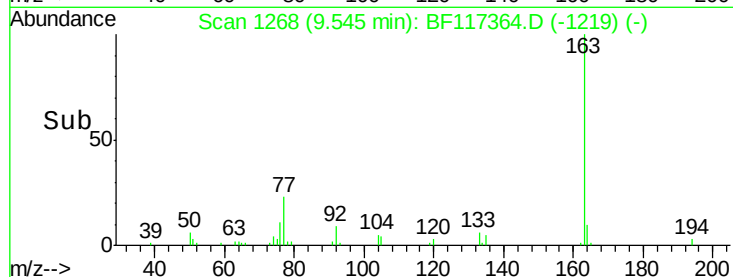
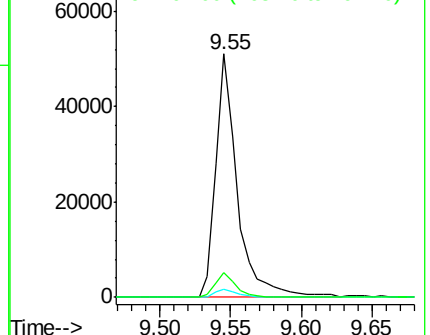
164 10.2 8.2 12.4



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: 8.711 ng

RT: 9.83 min Scan# 1316

Delta R.T. 0.20 min

Lab File: BF117364.D

Acq: 10 Oct 2019 17:08

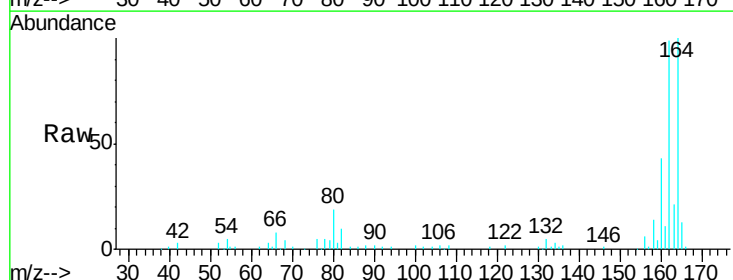
Tgt Ion:165 Resp: 11171

Ion Ratio Lower Upper

165 100

63 0.0 41.8 62.8#

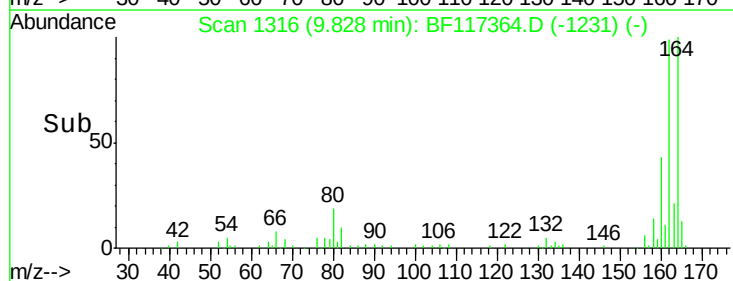
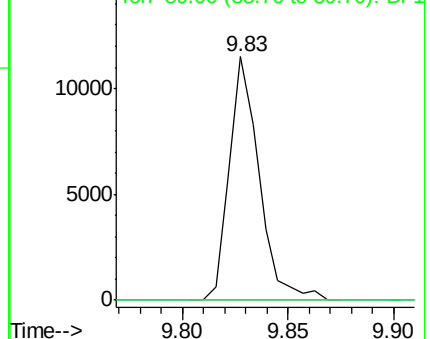
89 0.0 46.5 69.7#

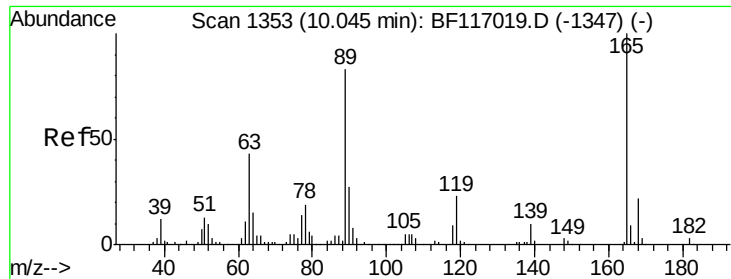


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

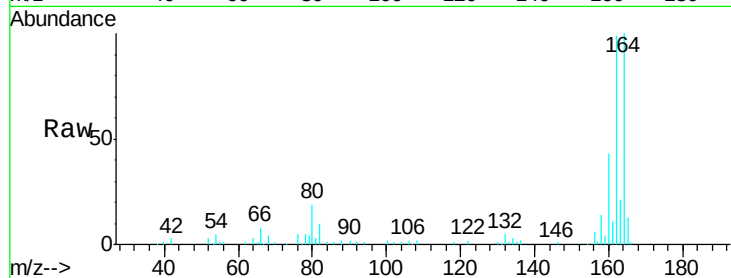




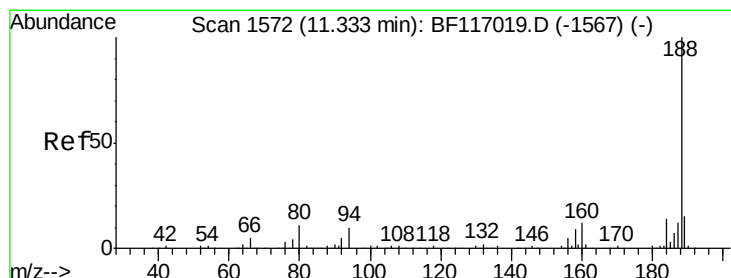
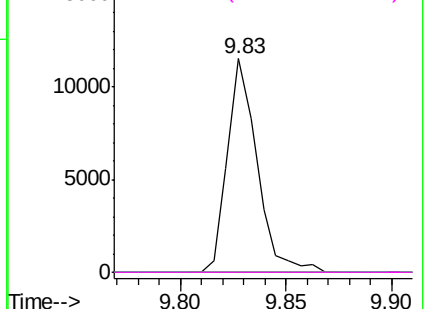
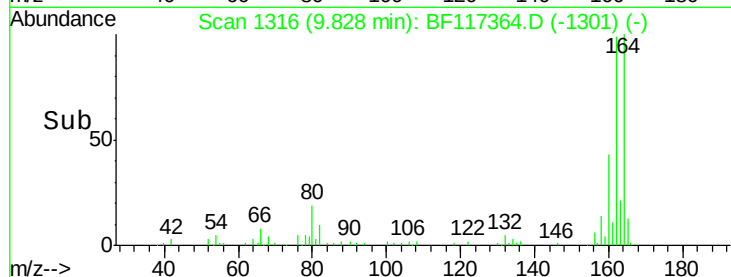
#57
 2,4-Dinitrotoluene
 Concen: 6.711 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF117364.D
 Acq: 10 Oct 2019 17:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion:165 Resp: 11171
 Ion Ratio Lower Upper
 165 100
 63 0.0 35.0 52.4#
 89 0.0 66.1 99.1#
 182 0.0 2.0 3.0#

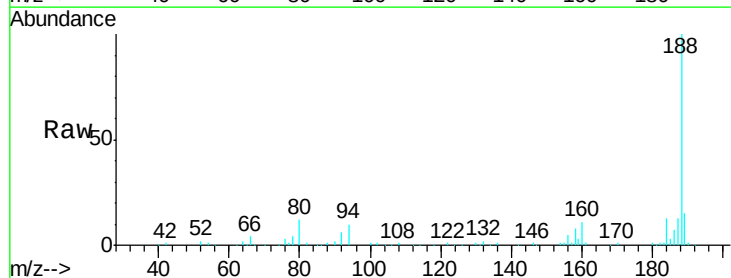


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

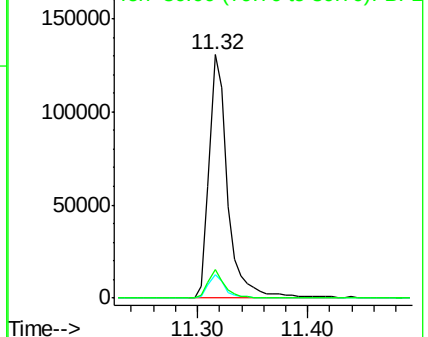
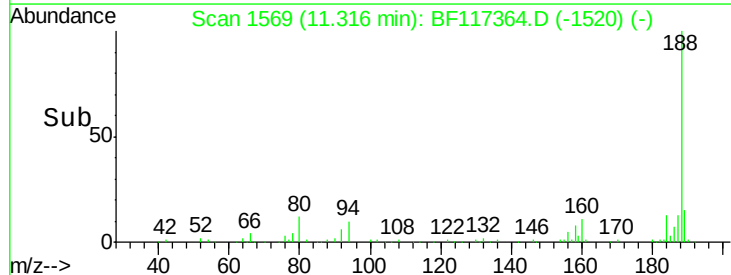


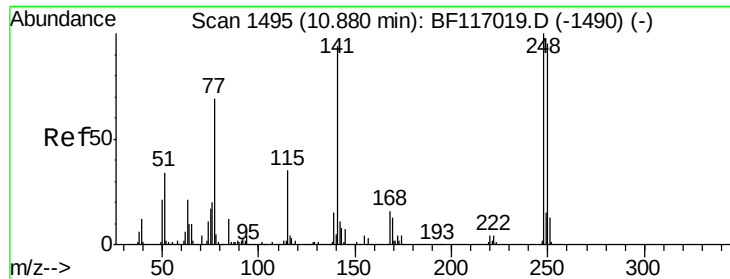
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF117364.D
 Acq: 10 Oct 2019 17:08

Tgt Ion:188 Resp: 149929
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.2 12.2
 80 11.6 9.0 13.6



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

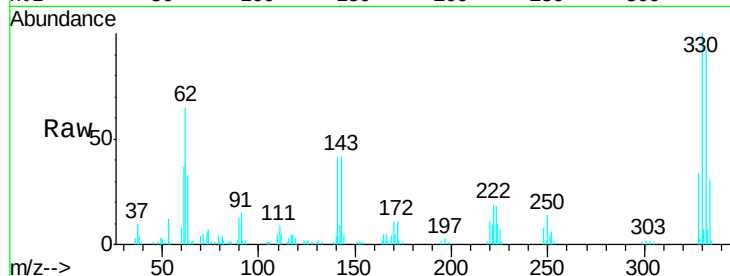




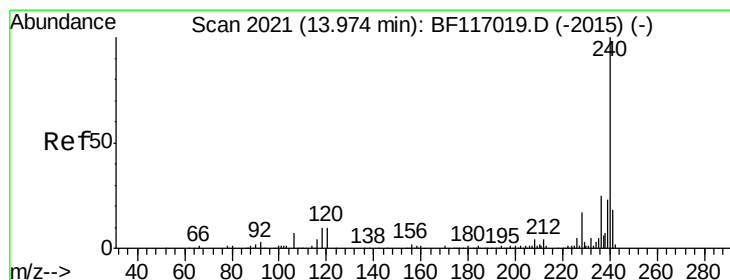
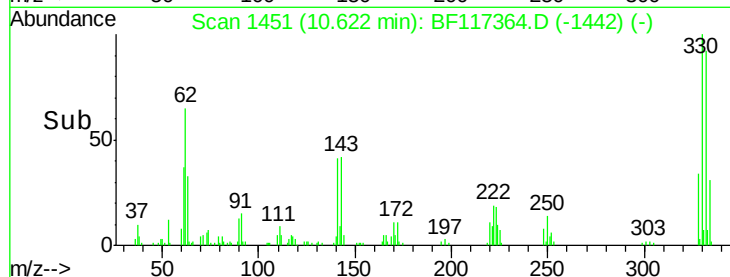
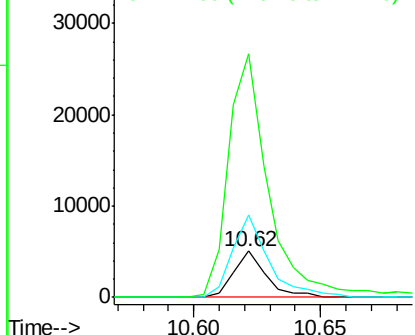
#67
4-Bromophenyl-phenylether
Concen: 2.965 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF117364.D
Acq: 10 Oct 2019 17:08

Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:248 Resp: 4540
Ion Ratio Lower Upper
248 100
250 176.8 76.2 114.4#
141 525.4 75.0 112.4#

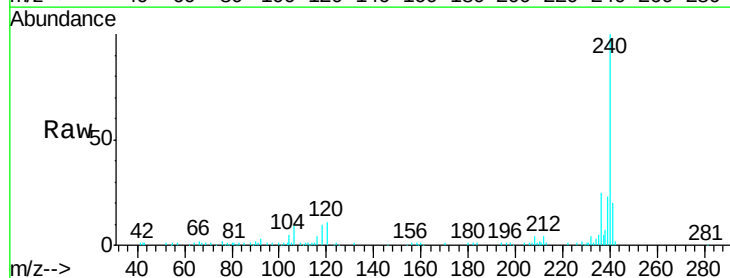


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

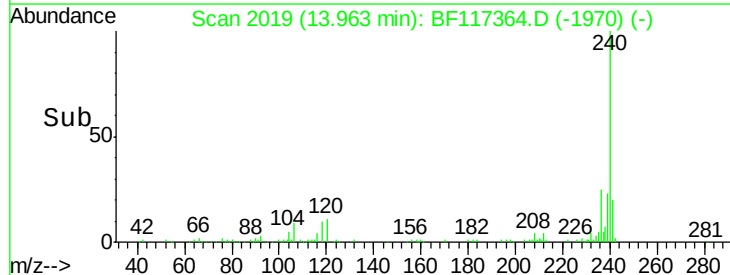
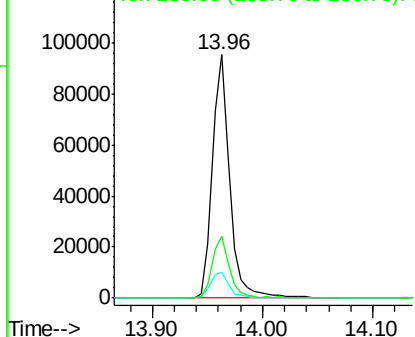


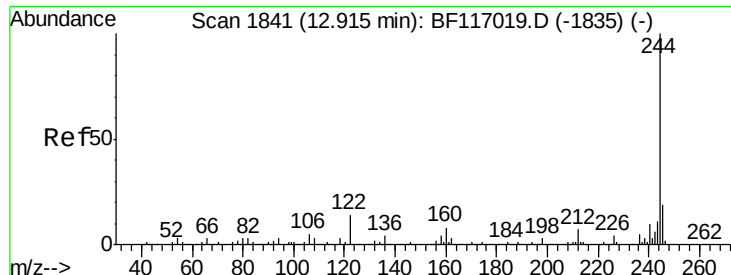
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117364.D
Acq: 10 Oct 2019 17:08

Tgt Ion:240 Resp: 102160
Ion Ratio Lower Upper
240 100
120 10.7 8.3 12.5
236 25.4 20.3 30.5



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: 64.865 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF117364.D

Acq: 10 Oct 2019 17:08

Instrument :

BNA_F

ClientSampled :

TP-5

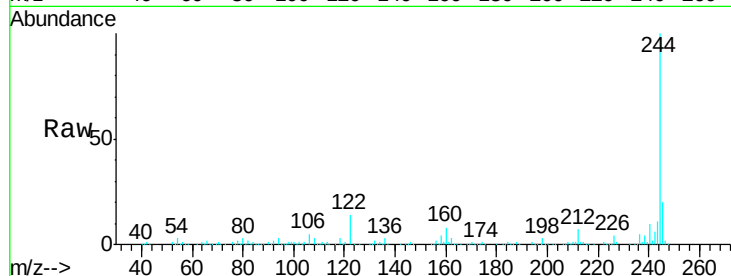
Tgt Ion:244 Resp: 354512

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

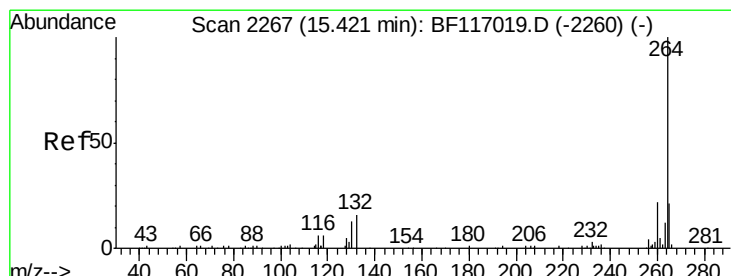
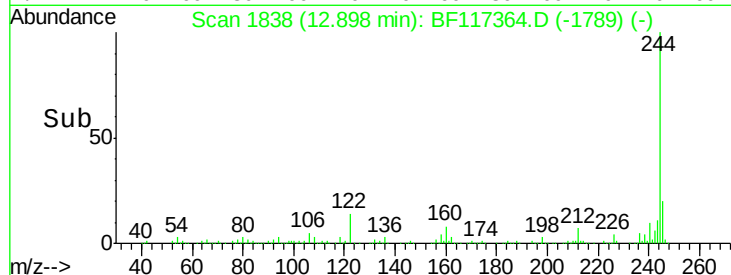
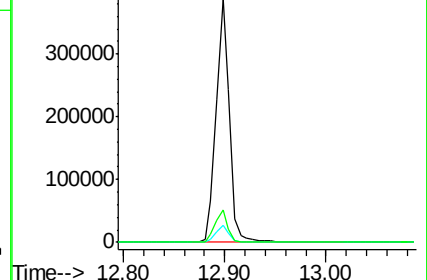
122 13.5 11.3 16.9



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: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF117364.D

Acq: 10 Oct 2019 17:08

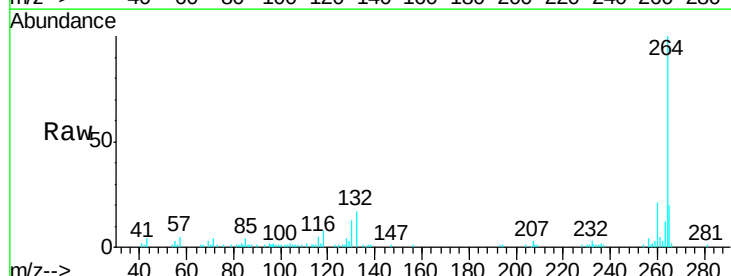
Tgt Ion:264 Resp: 91036

Ion Ratio Lower Upper

264 100

260 21.1 17.6 26.4

265 20.0 16.6 24.8



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

