

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113517.D
 Acq On : 2 Apr 2019 20:42
 Operator : JU/SJ
 Sample : K2180-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Quant Time: Apr 03 01:03:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

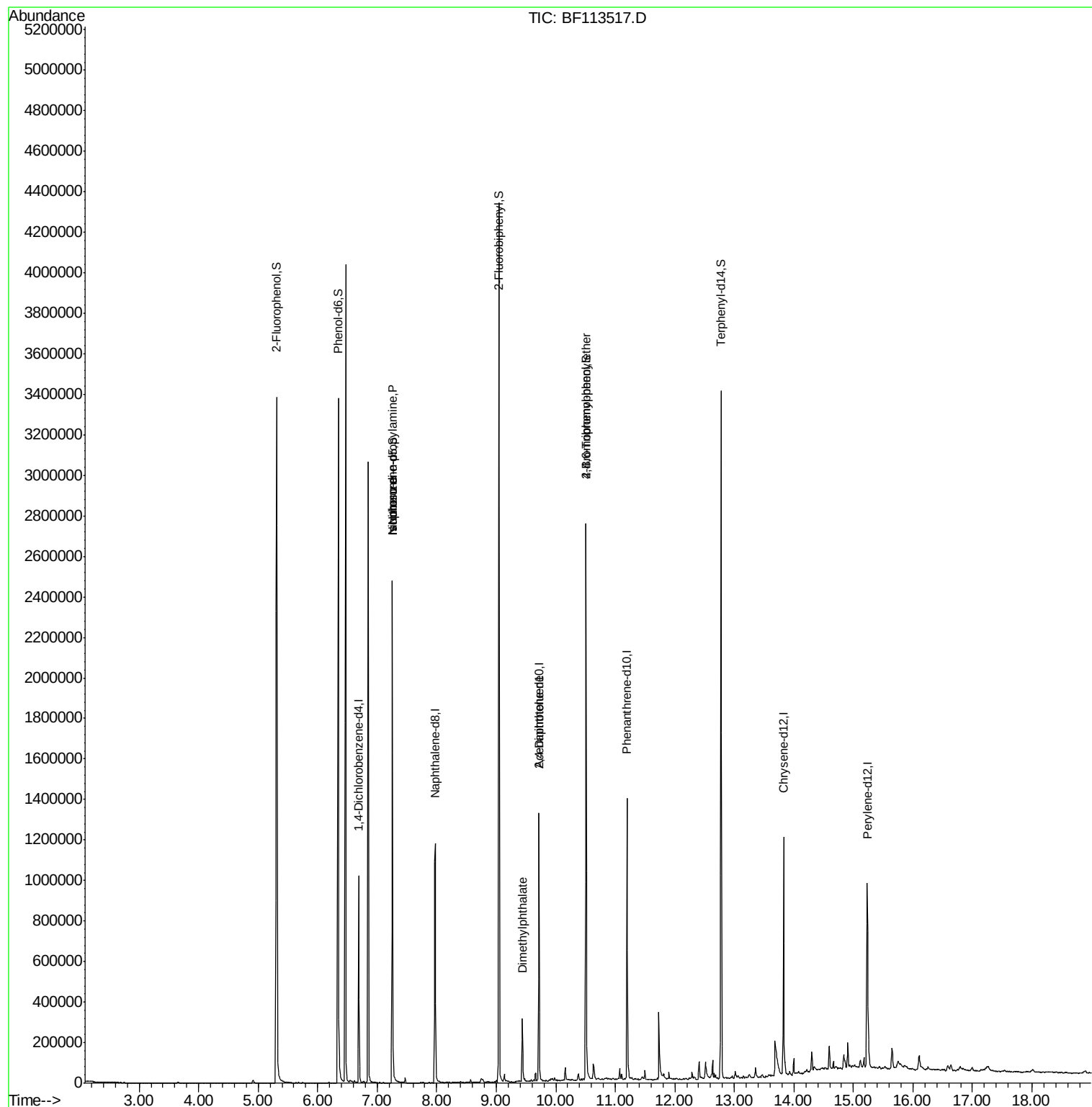
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	158506	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	582793	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	271888	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	487280	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	371867	20.00	ng	-0.02
87) Perylene-d12	15.23	264	410138	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1110661	114.57	ng	0.00
7) Phenol-d6	6.35	99	1455884	118.72	ng	-0.01
23) Nitrobenzene-d5	7.26	82	874803	89.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	386609	115.12	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1404890	79.94	ng	-0.02
79) Terphenyl-d14	12.78	244	1228123	72.79	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	112969	14.666	ng	# 77
25) Isophorone	7.26	82	867209	45.574	ng	# 64
50) Dimethylphthalate	9.44	163	121055	6.008	ng	100
57) 2,4-Dinitrotoluene	9.72	165	35117	6.075	ng	# 23
67) 4-Bromophenyl-phenylether	10.51	248	22157	4.172	ng	# 1

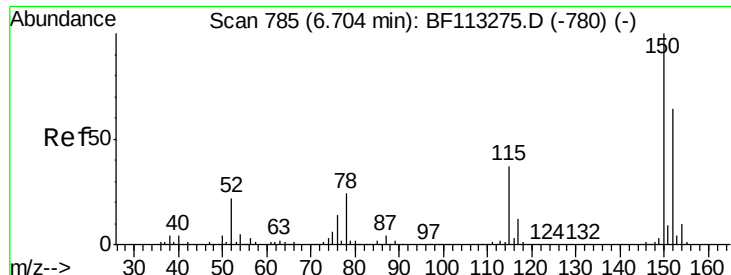
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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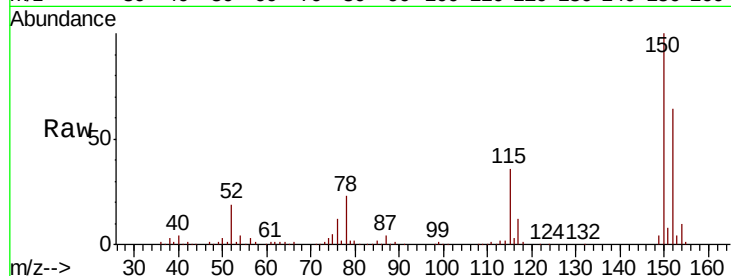




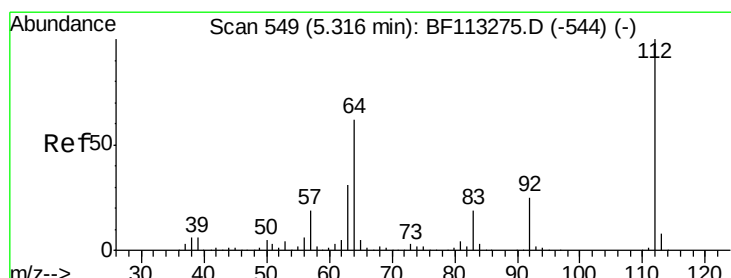
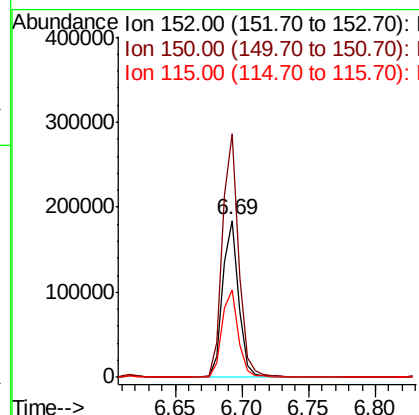
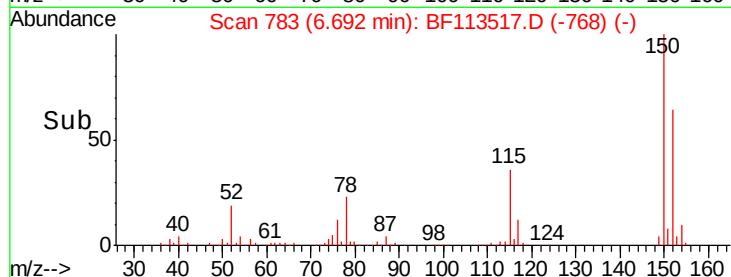
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF113517.D
 Acq: 2 Apr 2019 20:42

Instrument :
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Tgt Ion:152 Resp: 158506
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.7 187.1
 115 55.4 46.0 69.0

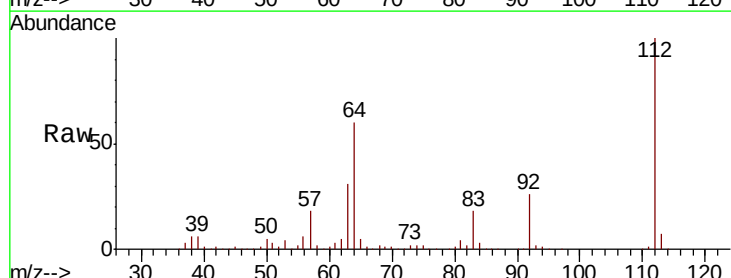


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

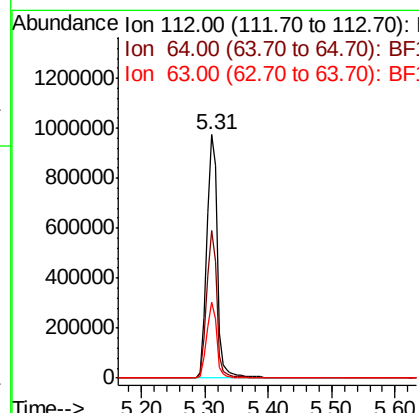
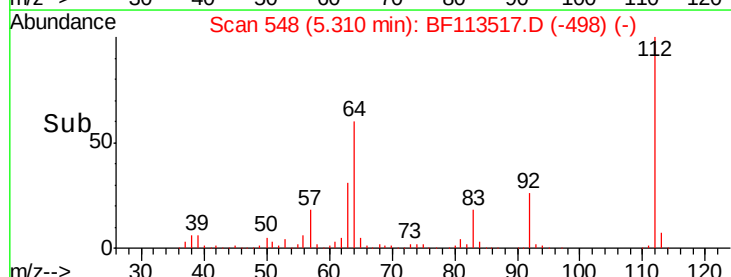


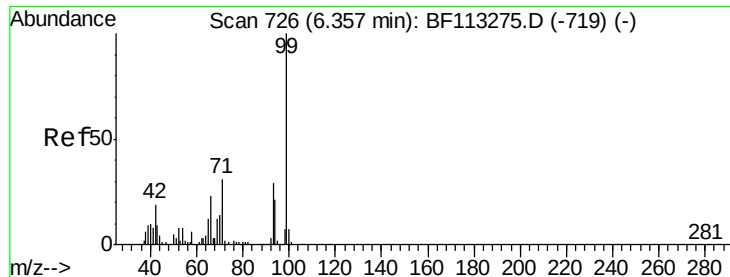
#5
 2-Fluorophenol
 Concen: 114.574 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF113517.D
 Acq: 2 Apr 2019 20:42

Tgt Ion:112 Resp: 1110661
 Ion Ratio Lower Upper
 112 100
 64 60.4 49.2 73.8
 63 31.1 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: 118.719 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113517.D

Acq: 2 Apr 2019 20:42

Instrument :

BNA_F

ClientSampleId :

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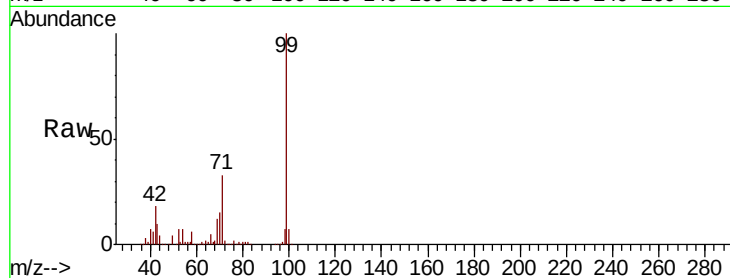
Tgt Ion: 99 Resp: 1455884

Ion Ratio Lower Upper

99 100

42 18.4 14.8 22.2

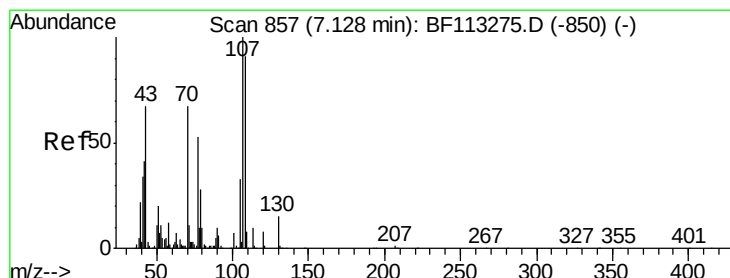
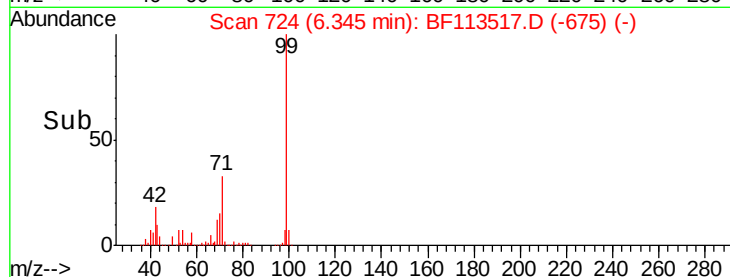
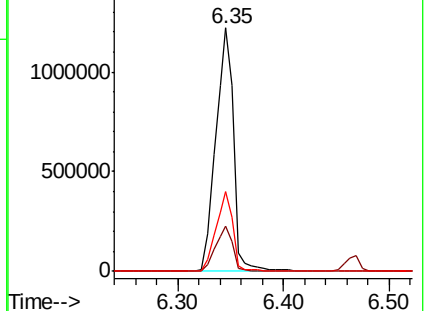
71 32.5 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.666 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF113517.D

Acq: 2 Apr 2019 20:42

Tgt Ion: 70 Resp: 112969

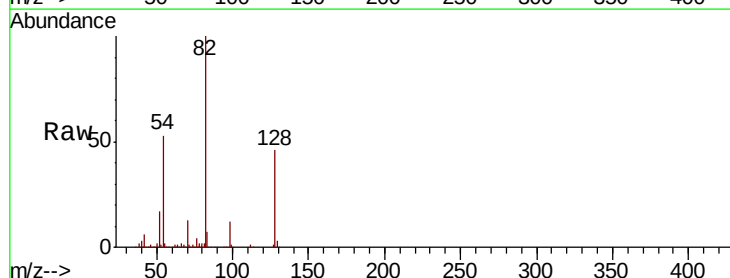
Ion Ratio Lower Upper

70 100

42 48.6 48.4 72.6

101 0.0 7.8 11.8#

130 2.1 18.2 27.4#

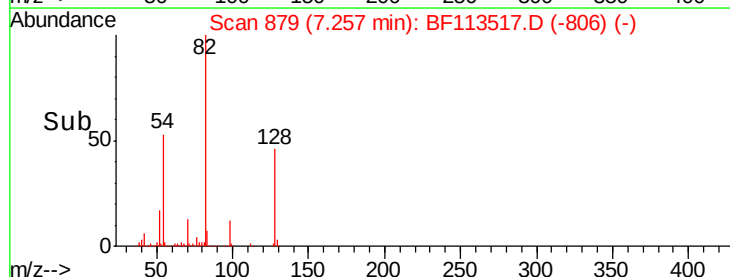
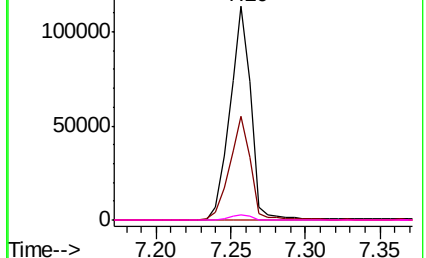


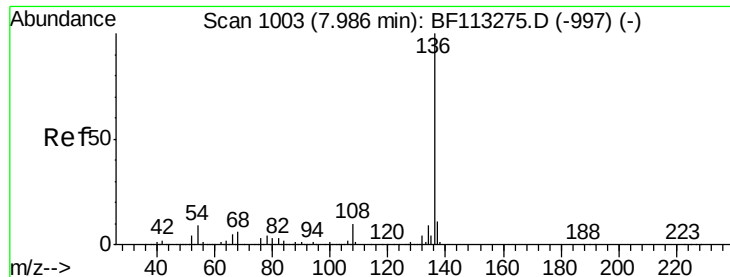
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

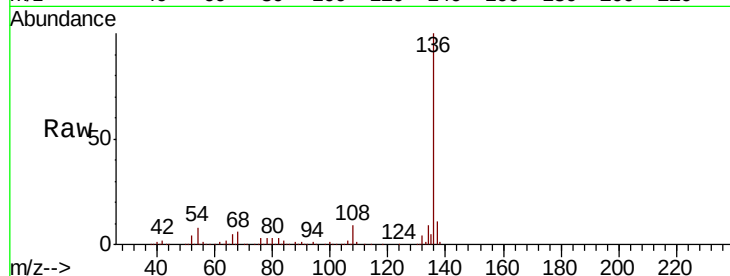




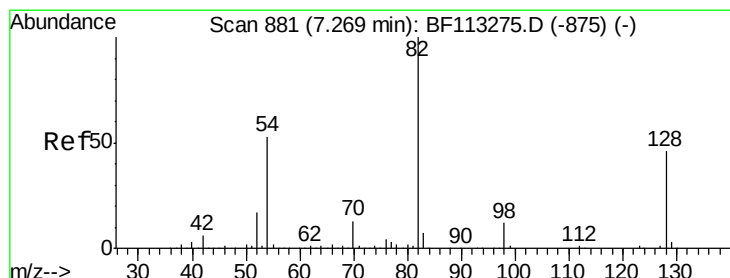
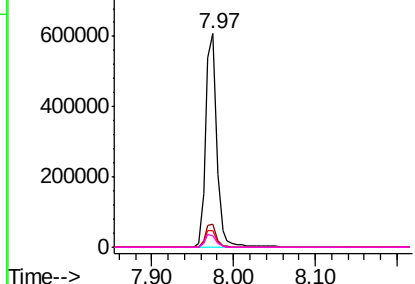
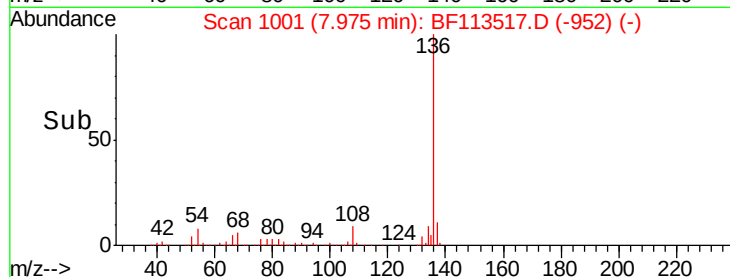
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF113517.D
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Tgt Ion:	136	Resp:	582793
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	7.0	10.6
68	5.6	4.8	7.2

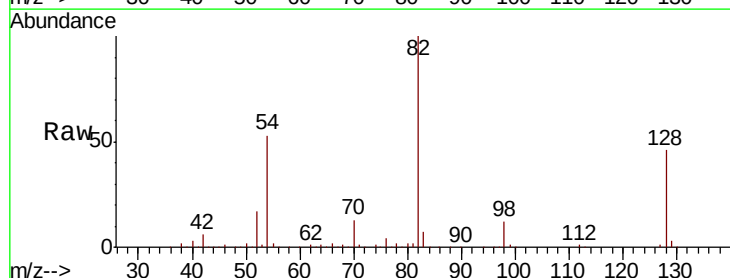


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

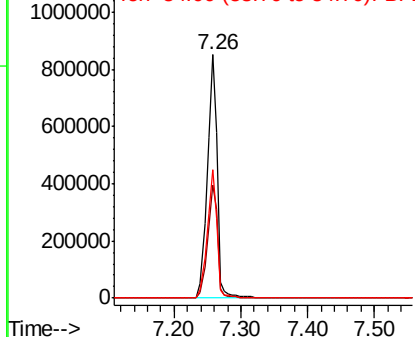
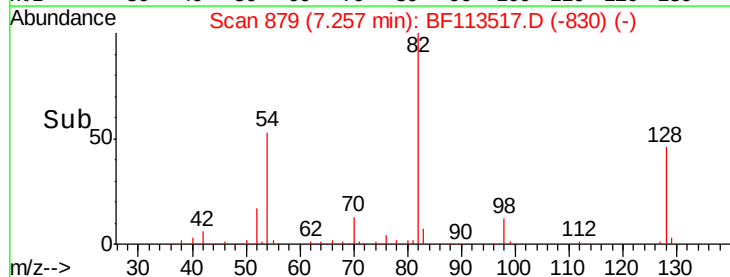


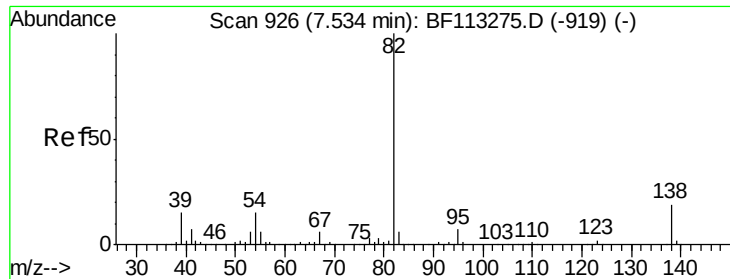
#23
Nitrobenzene-d5
Concen: 89.094 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF113517.D
Acq: 2 Apr 2019 20:42

Tgt Ion:	82	Resp:	874803
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.5	54.7
54	52.5	42.2	63.2



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

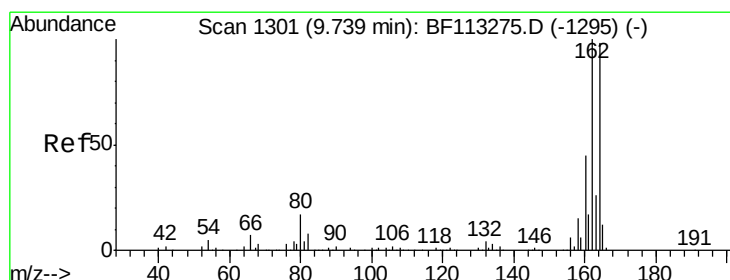
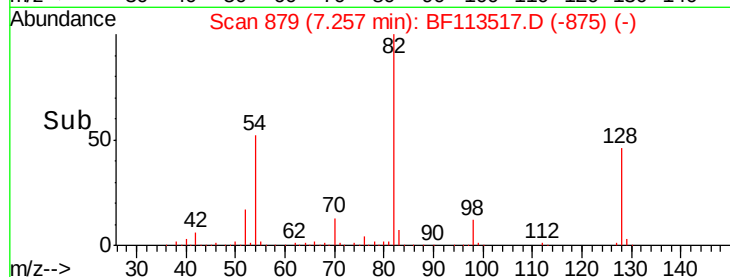
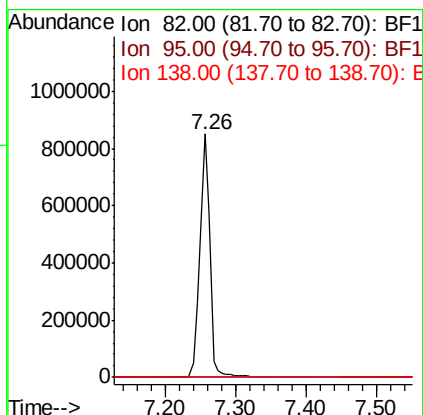
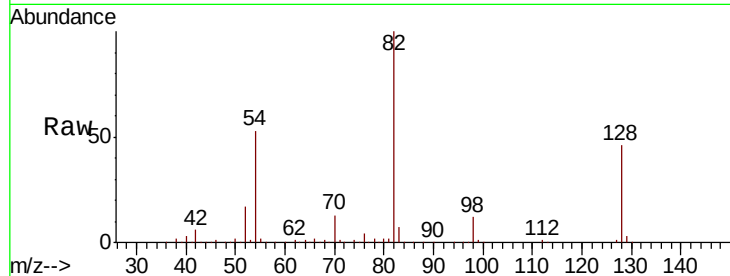




#25
Isophorone
Concen: 45.574 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF113517.D
Acq: 2 Apr 2019 20:42

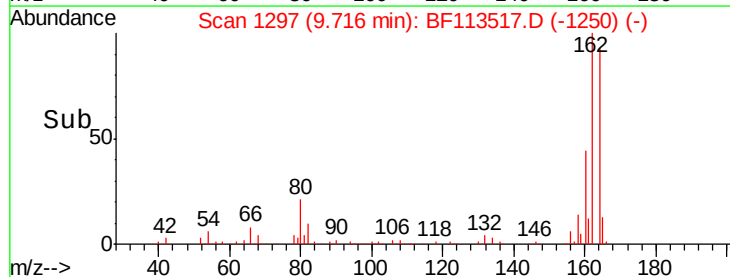
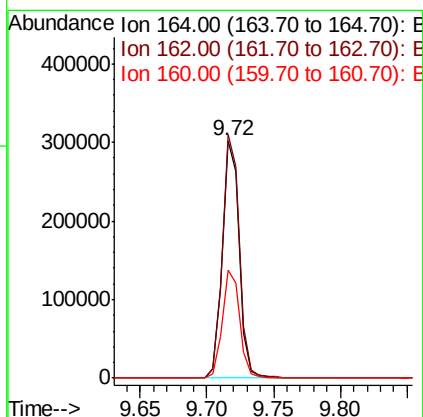
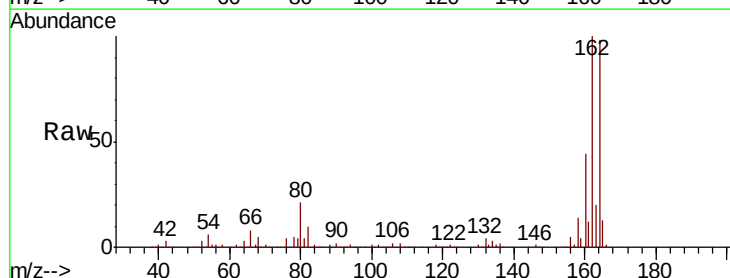
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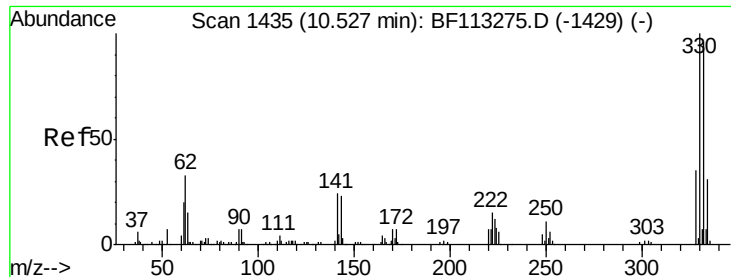
Tgt Ion: 82 Resp: 867209
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF113517.D
Acq: 2 Apr 2019 20:42

Tgt Ion: 164 Resp: 271888
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.6
160 45.3 36.4 54.6

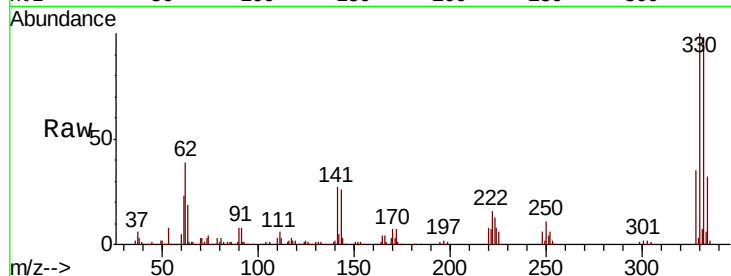




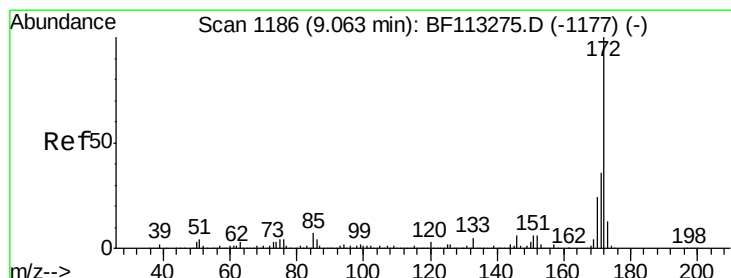
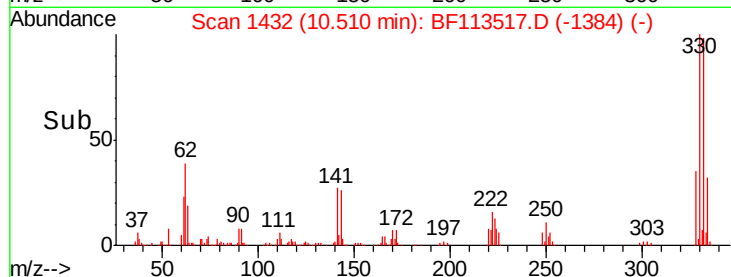
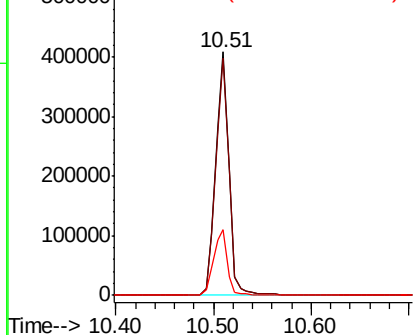
#42
 2,4,6-Tribromophenol
 Concen: 115.116 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF113517.D
 Acq: 2 Apr 2019 20:42

Instrument :
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 ClientSampleId :
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Tgt Ion:330 Resp: 386609
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.8 116.6
 141 27.8 22.7 34.1

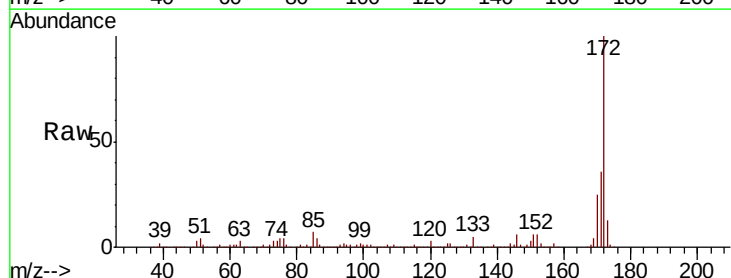


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

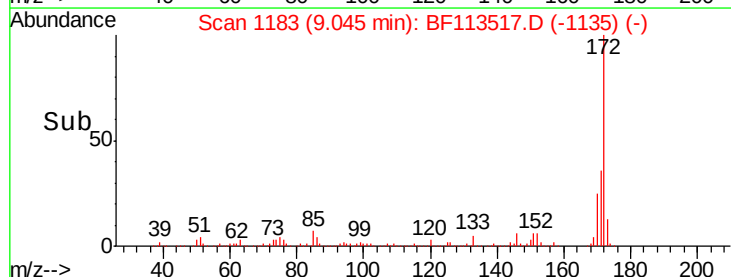
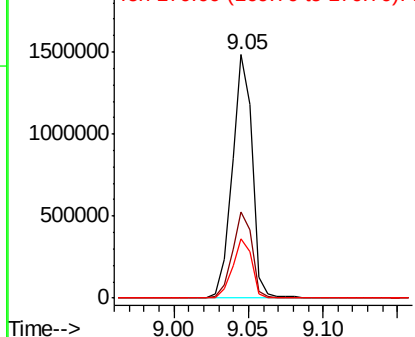


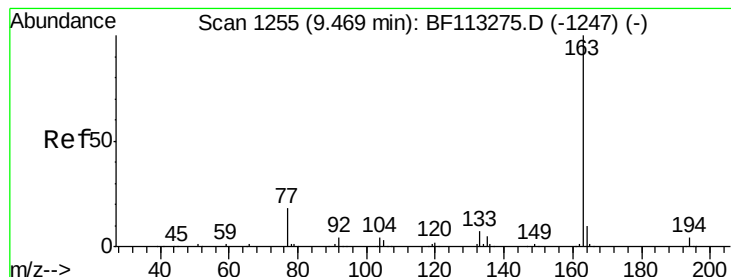
#45
 2-Fluorobiphenyl
 Concen: 79.938 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF113517.D
 Acq: 2 Apr 2019 20:42

Tgt Ion:172 Resp: 1404890
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.0 43.6
 170 24.6 19.5 29.3



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: 6.008 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.03 min

Lab File: BF113517.D

Acq: 2 Apr 2019 20:42

Instrument :

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ClientSampleId :

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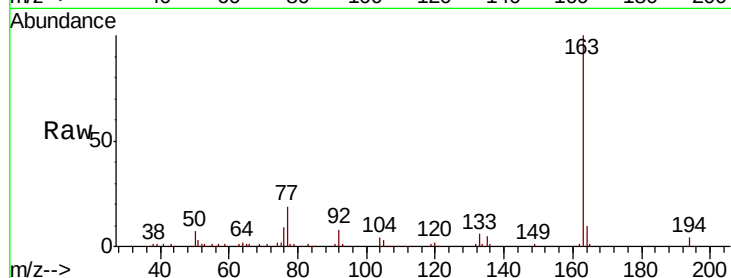
Tgt Ion:163 Resp: 121055

Ion Ratio Lower Upper

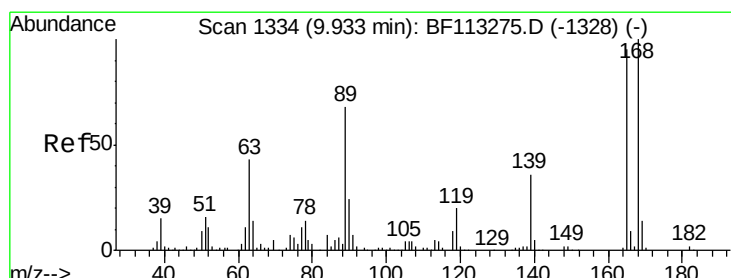
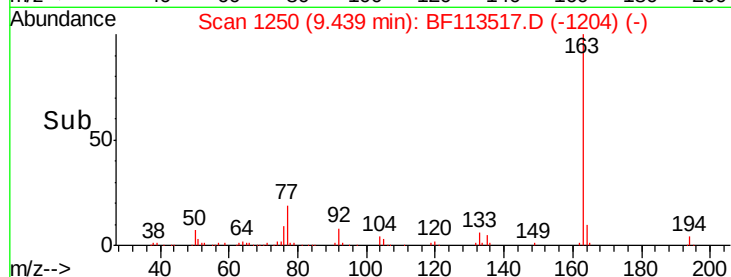
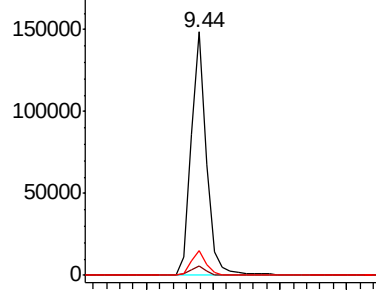
163 100

194 3.9 3.0 4.6

164 10.1 8.1 12.1



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: 6.075 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.22 min

Lab File: BF113517.D

Acq: 2 Apr 2019 20:42

Tgt Ion:165 Resp: 35117

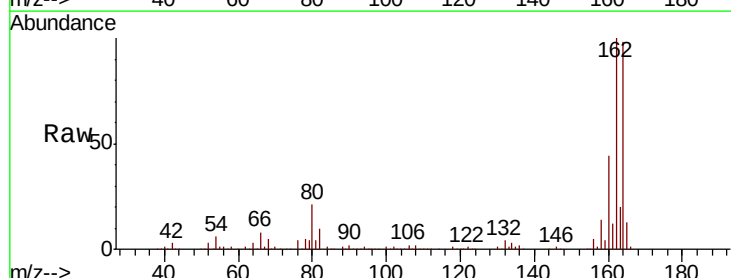
Ion Ratio Lower Upper

165 100

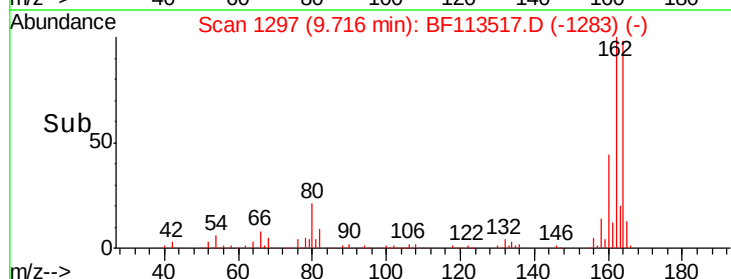
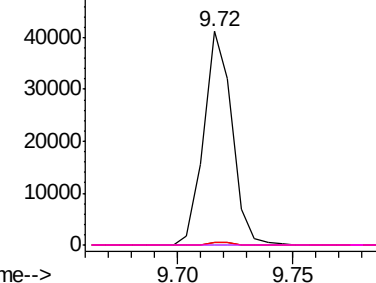
63 1.4 37.5 56.3#

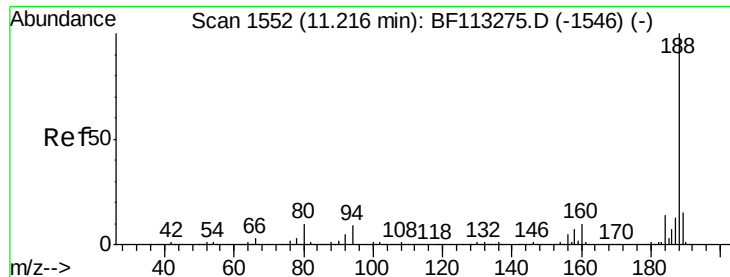
89 1.0 57.4 86.2#

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

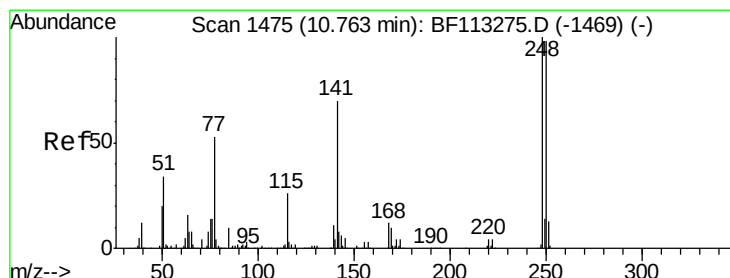
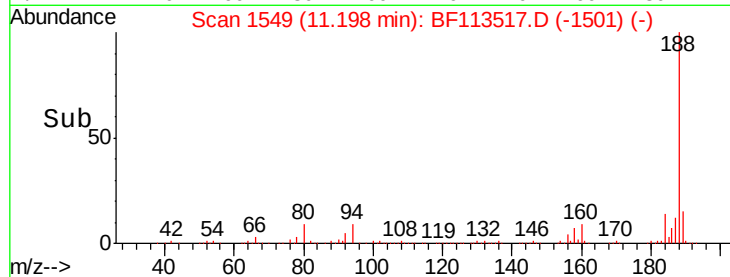
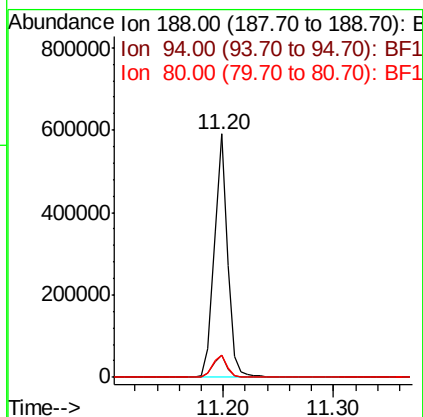
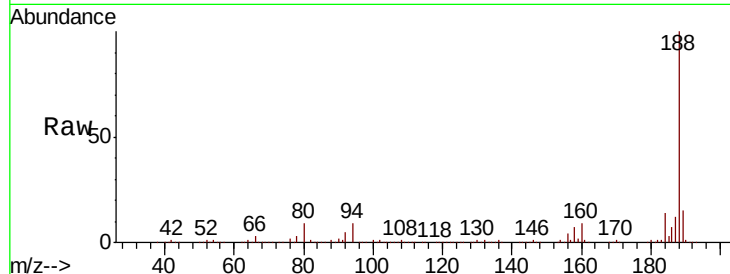




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.02 min
 Lab File: BF113517.D
 Acq: 2 Apr 2019 20:42

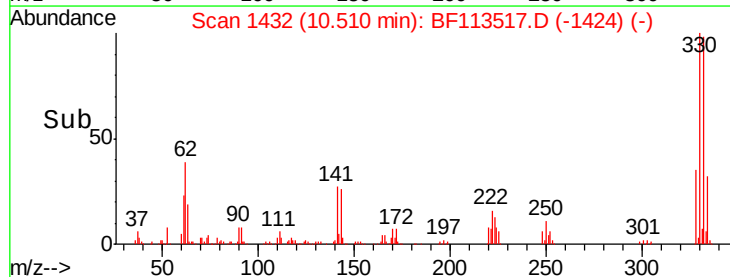
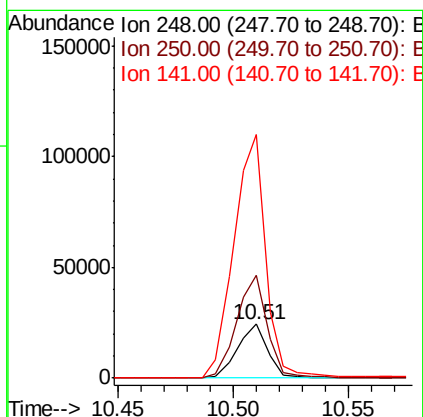
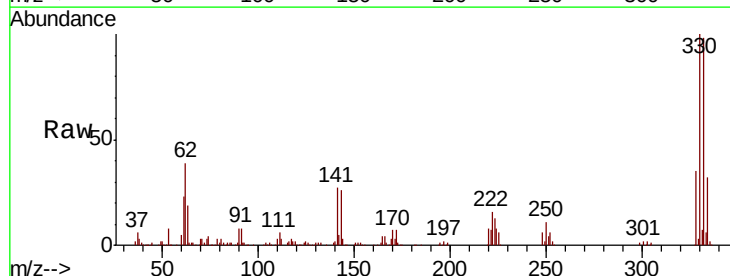
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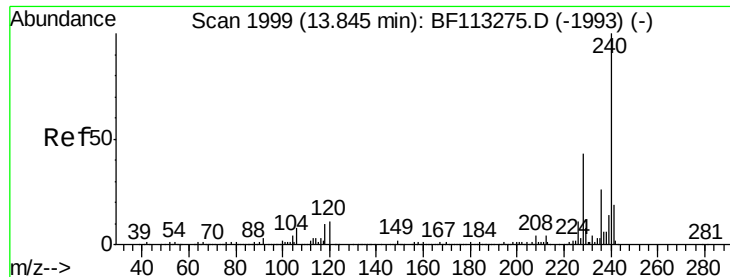
Tgt Ion:188 Resp: 487280
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.0 10.6
 80 9.1 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 4.172 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF113517.D
 Acq: 2 Apr 2019 20:42

Tgt Ion:248 Resp: 22157
 Ion Ratio Lower Upper
 248 100
 250 191.1 78.3 117.5#
 141 450.3 56.2 84.4#

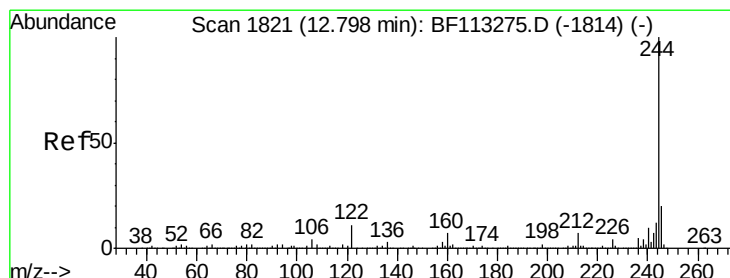
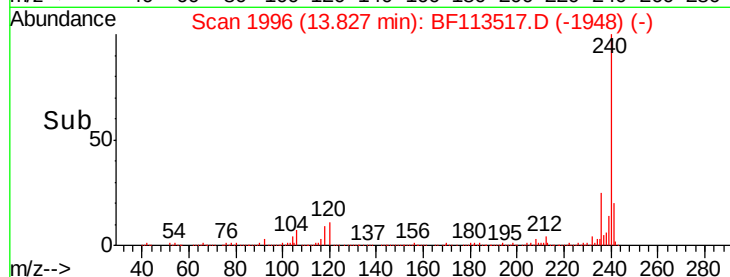
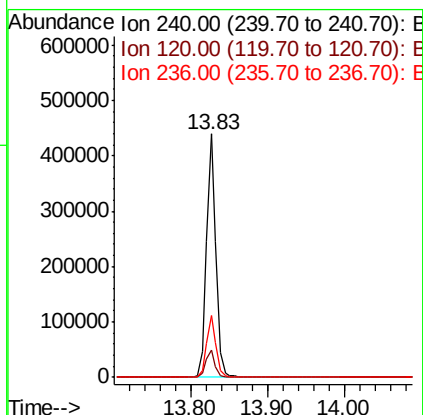
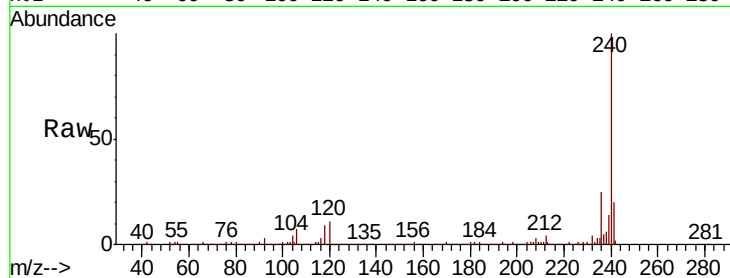




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113517.D
Acq: 2 Apr 2019 20:42

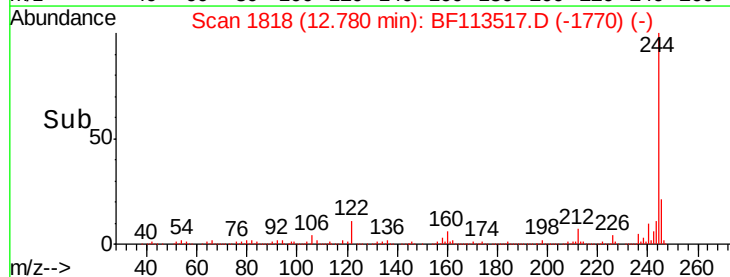
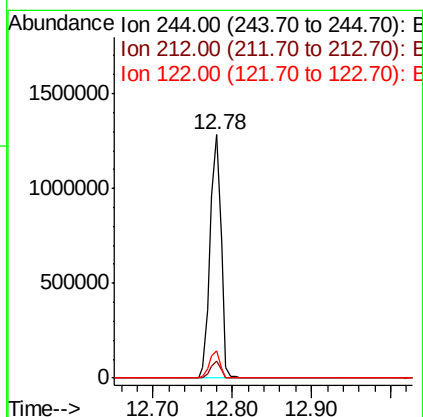
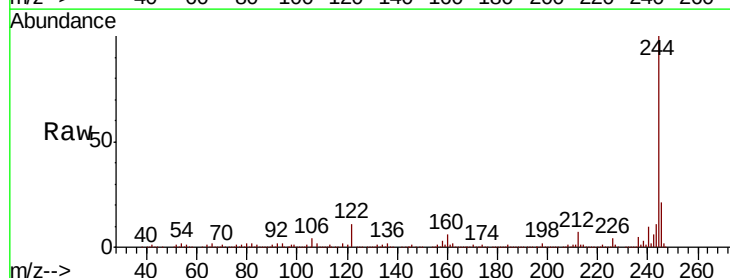
Instrument :
BNA_F
ClientSampleId :
TP-9

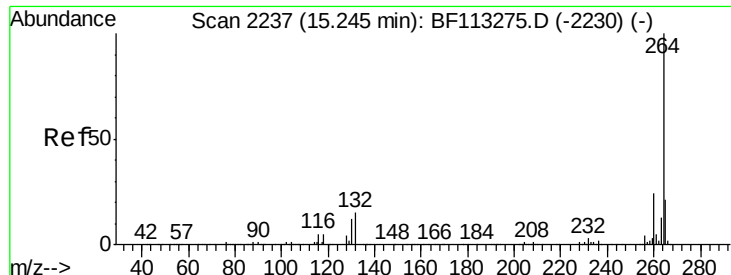
Tgt Ion:240 Resp: 371867
Ion Ratio Lower Upper
240 100
120 11.2 8.8 13.2
236 25.4 20.9 31.3



#79
Terphenyl-d14
Concen: 72.795 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF113517.D
Acq: 2 Apr 2019 20:42

Tgt Ion:244 Resp: 1228123
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 11.2 8.6 13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF113517.D
Acq: 2 Apr 2019 20:42

Instrument :
BNA_F
ClientSampleId :
TP-9

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	21.3	17.1	25.7

