

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115529.D
 Acq On : 12 Jul 2019 16:36
 Operator : HP/JU
 Sample : K3761-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 00:09:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

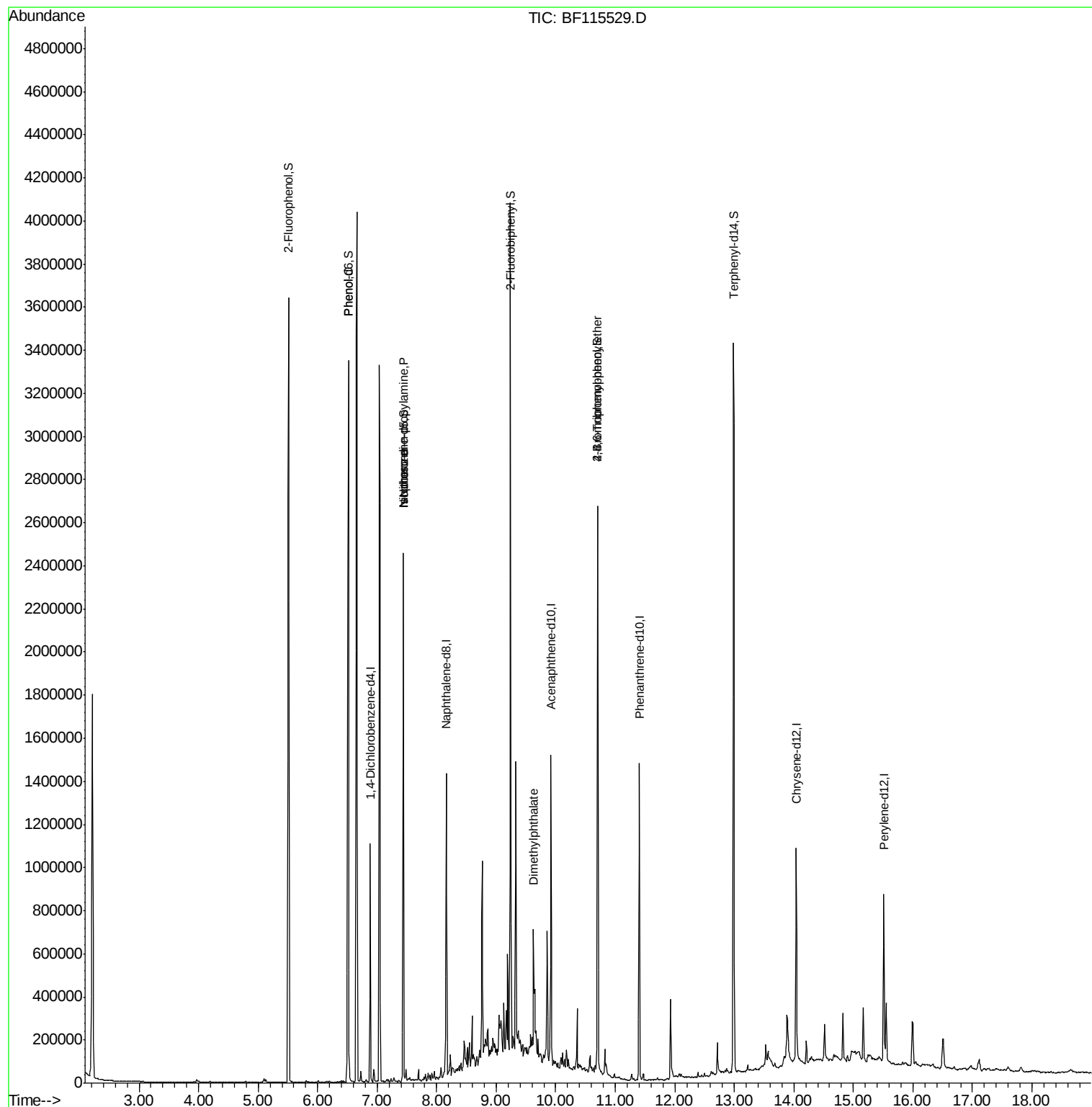
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	160048	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	609591	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	286588	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	507273	20.00	ng	0.00
76) Chrysene-d12	14.04	240	301511	20.00	ng	-0.01
87) Perylene-d12	15.51	264	369501	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1150883	117.62	ng	0.00
7) Phenol-d6	6.52	99	1490605	120.06	ng	0.00
23) Nitrobenzene-d5	7.44	82	894548	85.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	379885	113.56	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1380866	84.33	ng	0.00
79) Terphenyl-d14	12.99	244	1226153	75.04	ng	-0.01
Target Compounds						
10) Phenol	6.52	94	29709	2.061	ng	88
19) n-Nitroso-di-n-propylamine	7.44	70	118804	14.672	ng	# 77
25) Isophorone	7.44	82	885682	42.220	ng	# 64
50) Dimethylphthalate	9.63	163	209481	9.715	ng	99
67) 4-Bromophenyl-phenylether	10.70	248	22997	3.967	ng	# 1

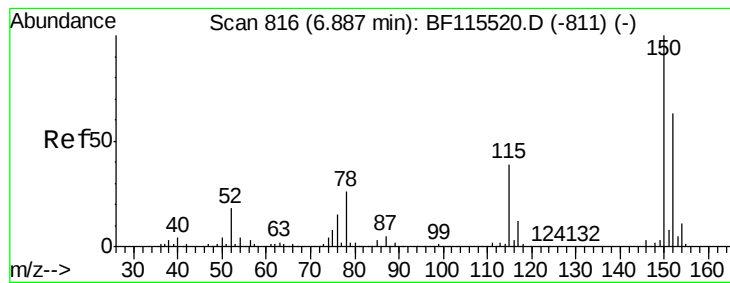
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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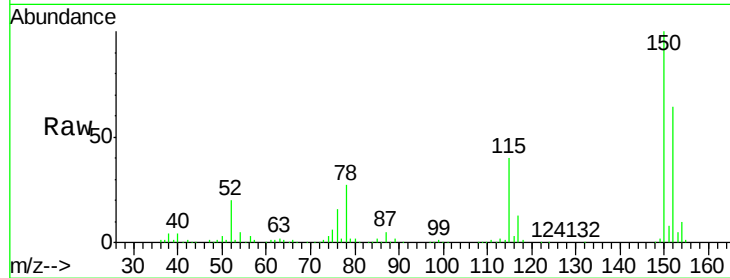


#1

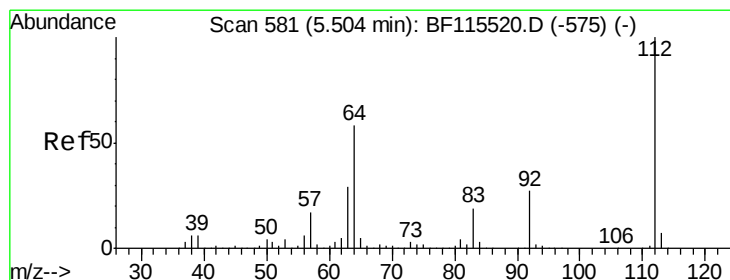
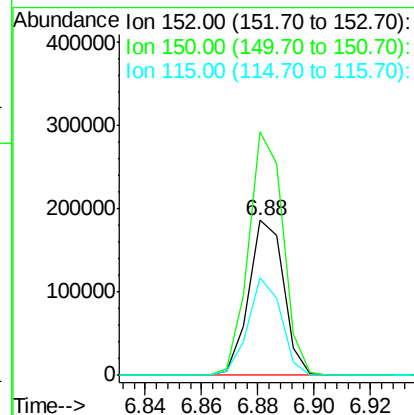
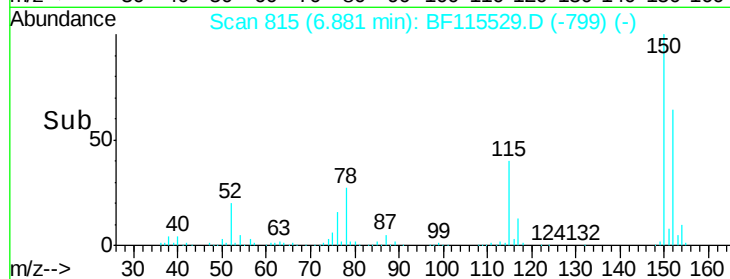
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115529.D
Acq: 12 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160048
Ion Ratio Lower Upper
152 100
150 157.3 129.7 194.5
115 63.1 48.2 72.4



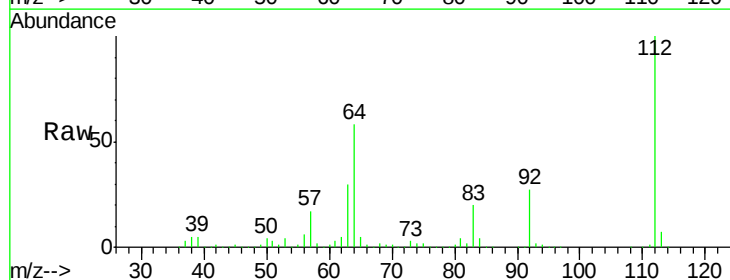
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



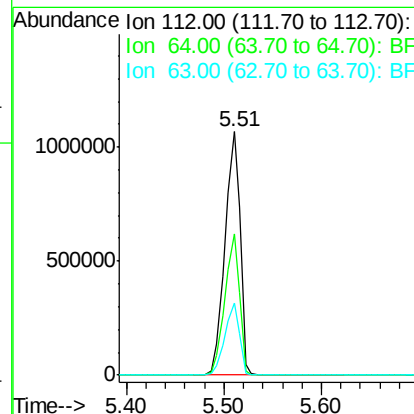
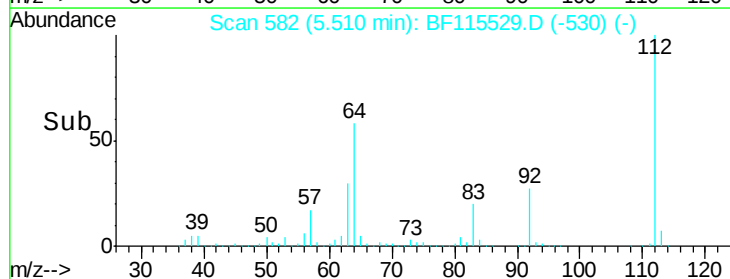
#5

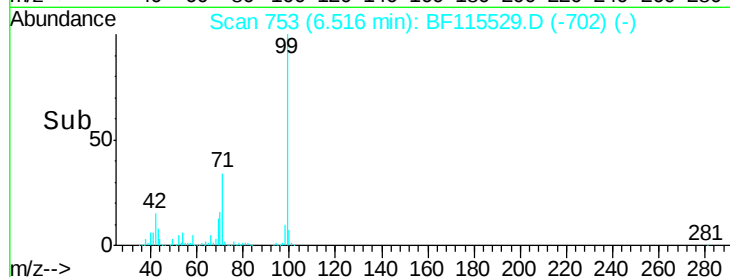
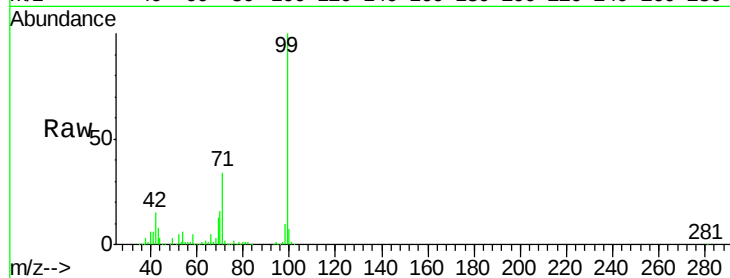
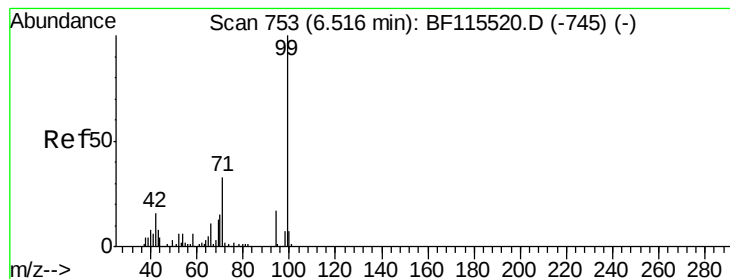
2-Fluorophenol
Concen: 117.622 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115529.D
Acq: 12 Jul 2019 16:36

Tgt Ion:112 Resp: 1150883
Ion Ratio Lower Upper
112 100
64 57.9 46.8 70.2
63 29.6 24.1 36.1



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: 120.060 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115529.D

Acq: 12 Jul 2019 16:36

Instrument :

BNA_F

ClientSampleId :

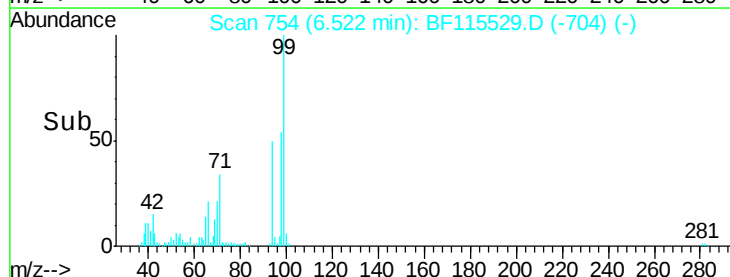
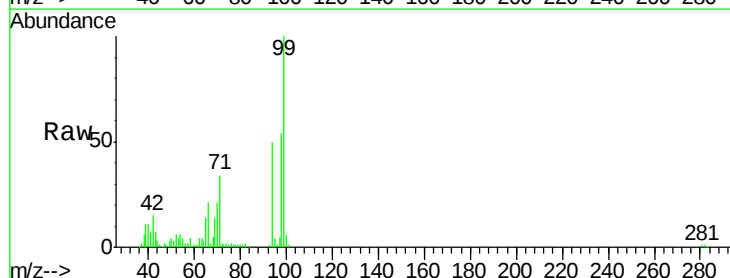
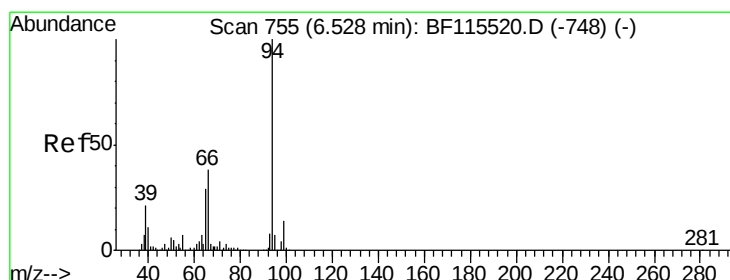
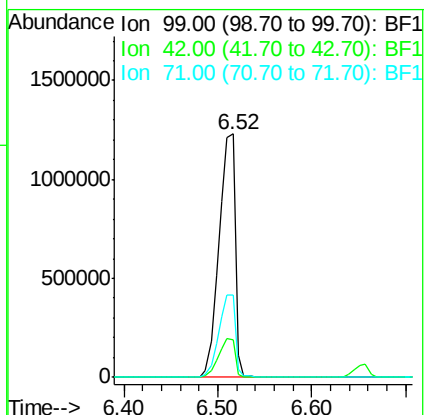
Tot Ion: 99 Resp: 1490605

Ion Ratio Lower Upper

99 100

42 15.4 13.6 20.4

71 33.7 28.5 42.7



#10

Phenol

Concen: 2.061 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF115529.D

Acq: 12 Jul 2019 16:36

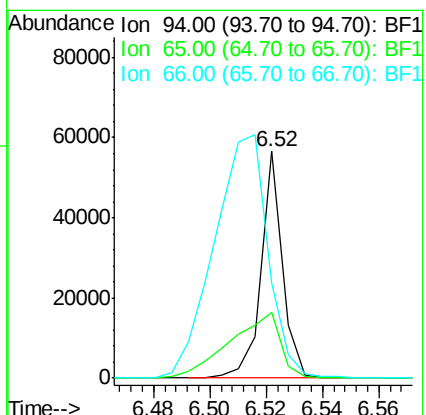
Tgt Ion: 94 Resp: 29709

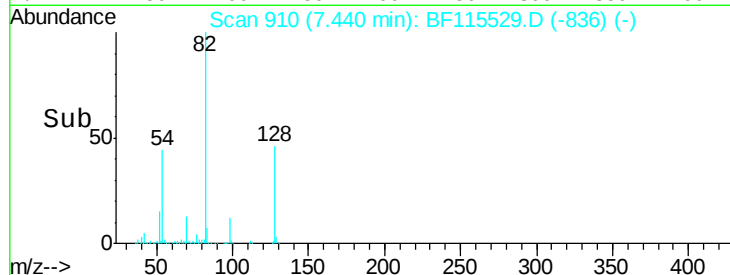
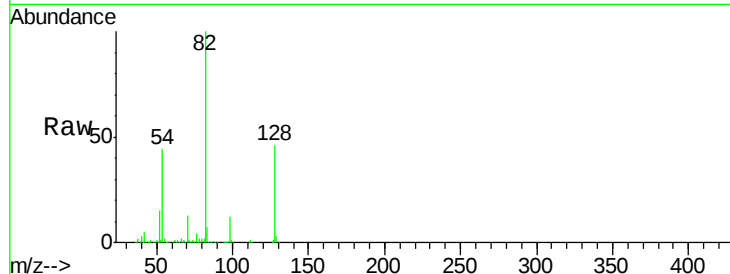
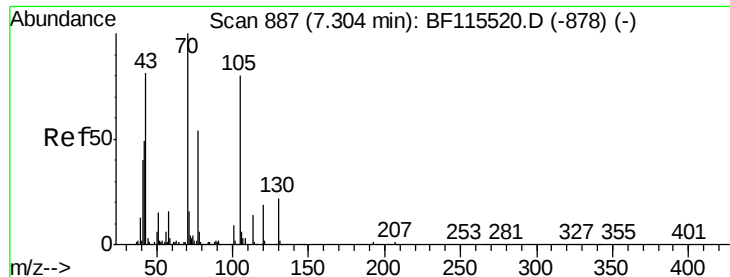
Ion Ratio Lower Upper

94 100

65 29.0 14.5 54.5

66 42.1 31.3 71.3

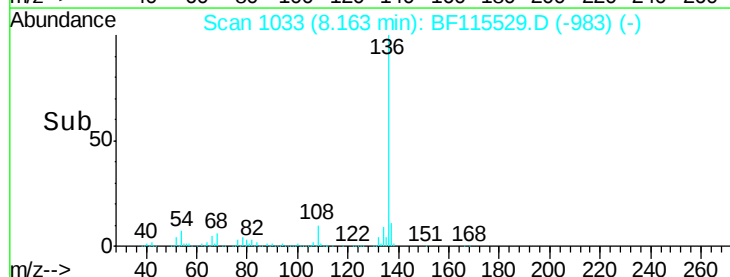
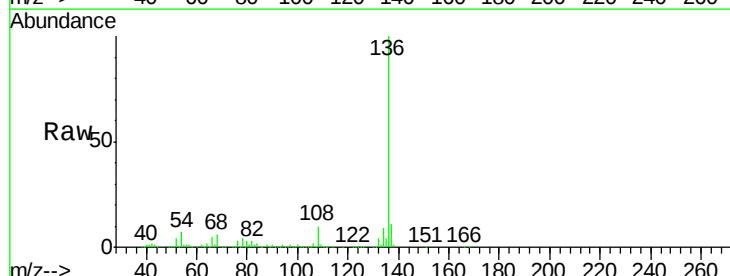
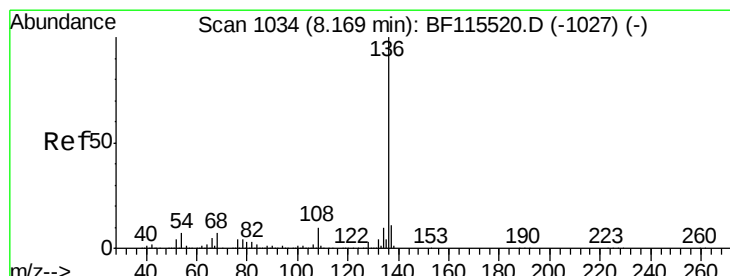
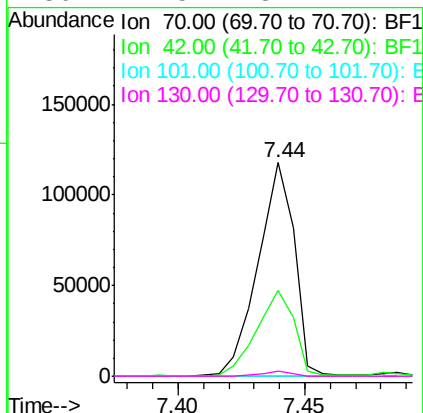




#19
n-Nitroso-di-n-propylamine
Concen: 14.672 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF115529.D
Acq: 12 Jul 2019 16:36

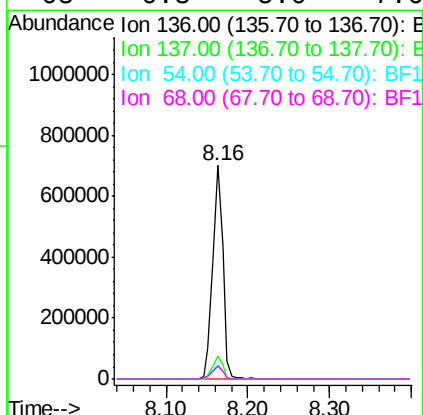
Instrument :
BNA_F
ClientSampleId :

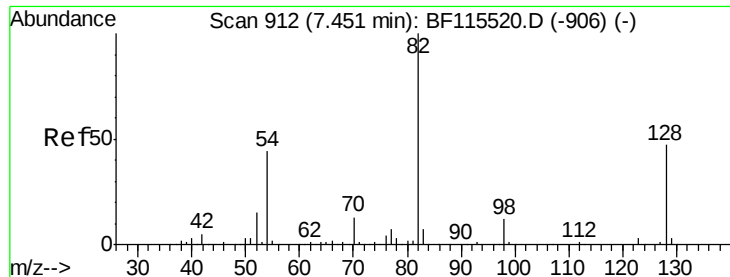
Tot Ion:	70	Resp:	118804
Ion	Ratio	Lower	Upper
70	100		
42	40.2	39.6	59.4
101	0.0	8.1	12.1#
130	2.5	18.2	27.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115529.D
Acq: 12 Jul 2019 16:36

Tgt Ion:	136	Resp:	609591
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.8	5.6	8.4
68	6.3	5.0	7.6

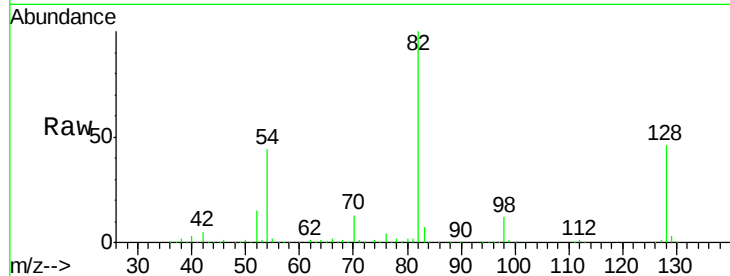




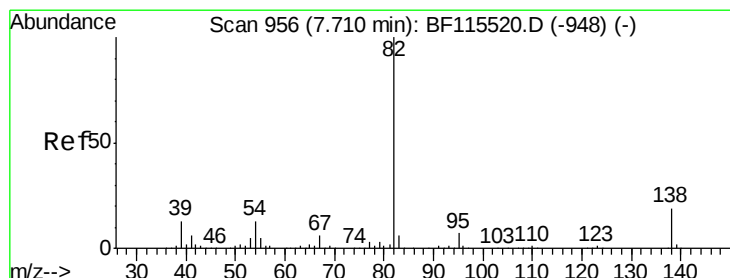
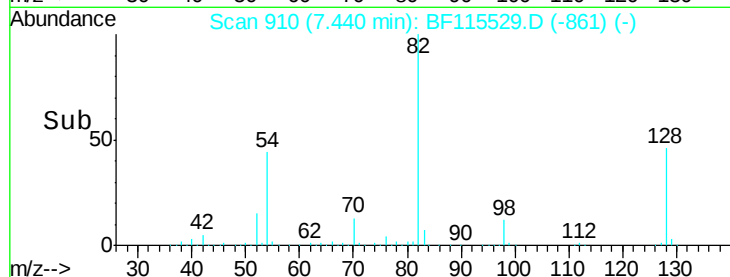
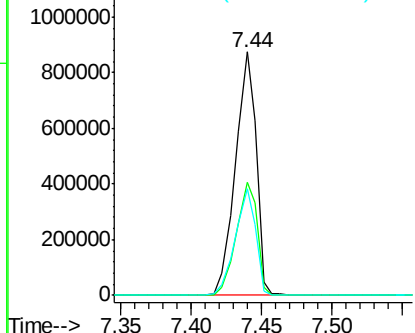
#23
Nitrobenzene-d5
Concen: 85.328 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115529.D
Acq: 12 Jul 2019 16:36

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 894548
Ion Ratio Lower Upper
82 100
128 46.5 38.6 57.8
54 43.6 35.6 53.4

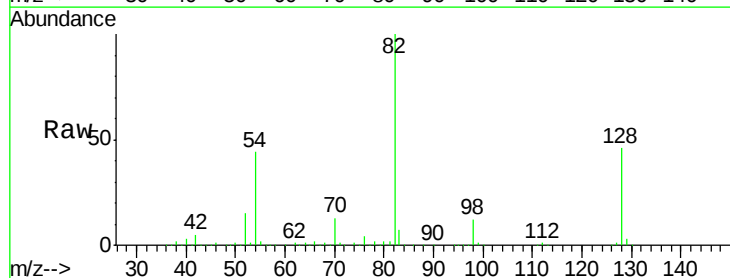


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

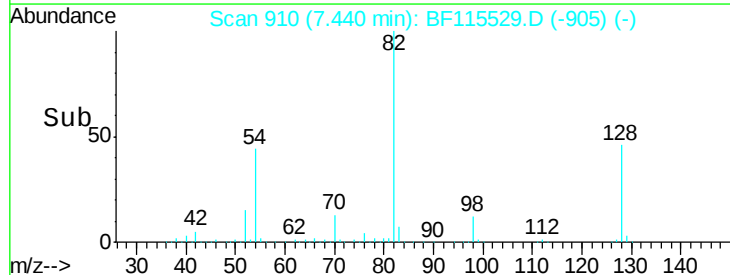
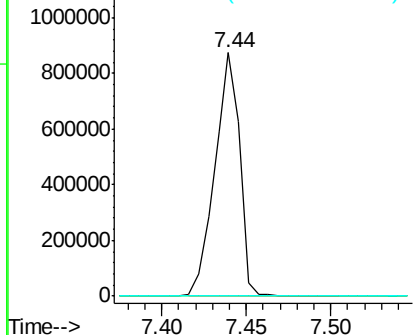


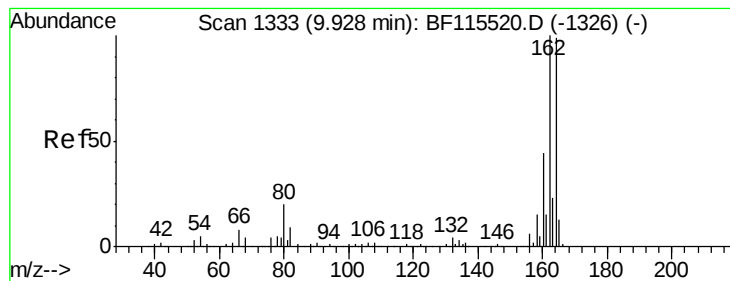
#25
Isophorone
Concen: 42.220 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.27 min
Lab File: BF115529.D
Acq: 12 Jul 2019 16:36

Tgt Ion: 82 Resp: 885682
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.9 22.3#



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: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115529.D

Acq: 12 Jul 2019 16:36

Instrument :

BNA_F

ClientSampleId :

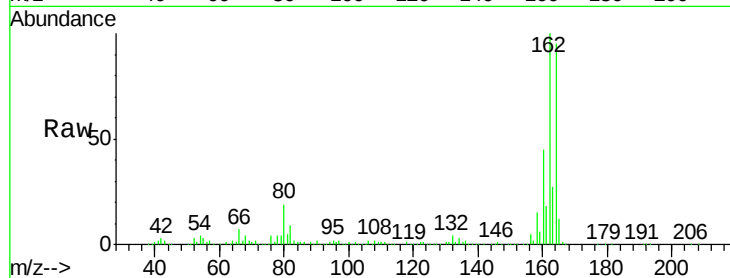
Tot Ion:164 Resp: 286588

Ion Ratio Lower Upper

164 100

162 105.1 82.9 124.3

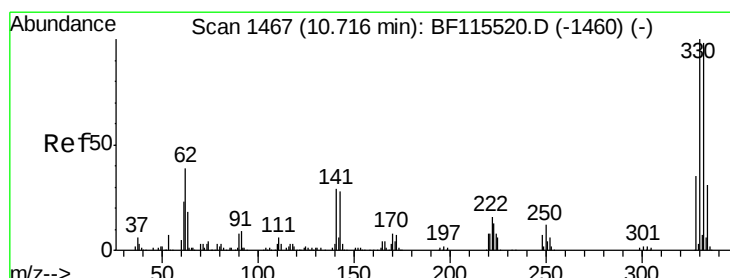
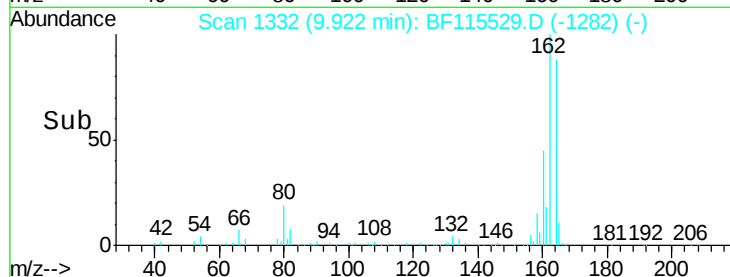
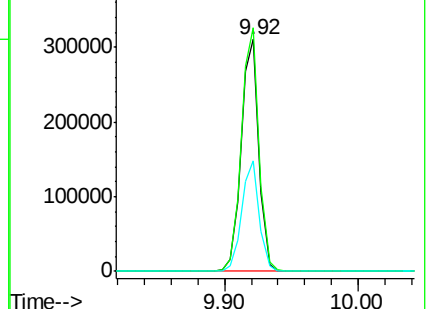
160 47.5 36.8 55.2



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: 113.562 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115529.D

Acq: 12 Jul 2019 16:36

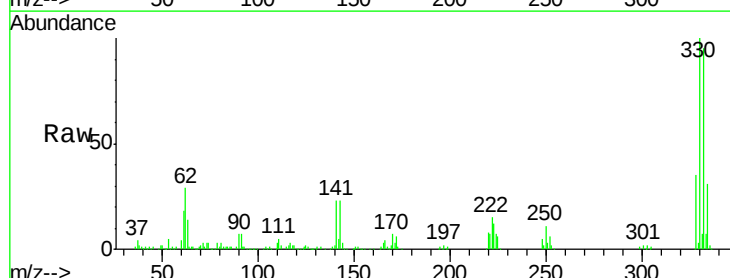
Tgt Ion:330 Resp: 379885

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.2

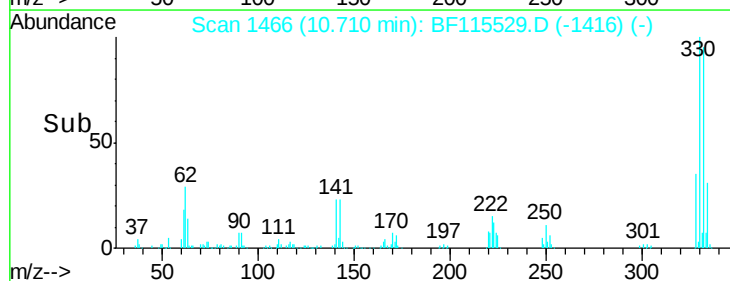
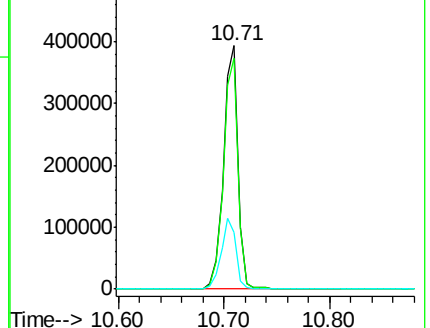
141 30.0 22.4 33.6

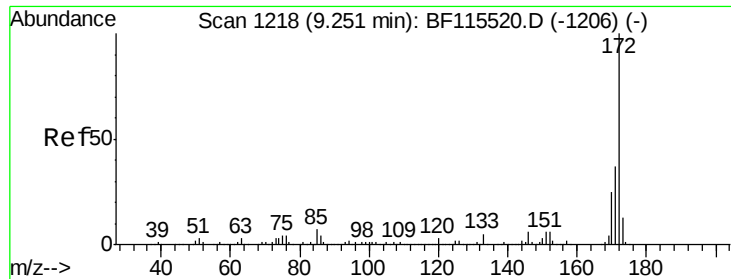


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

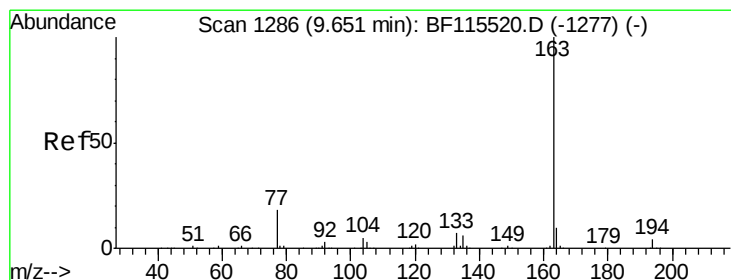
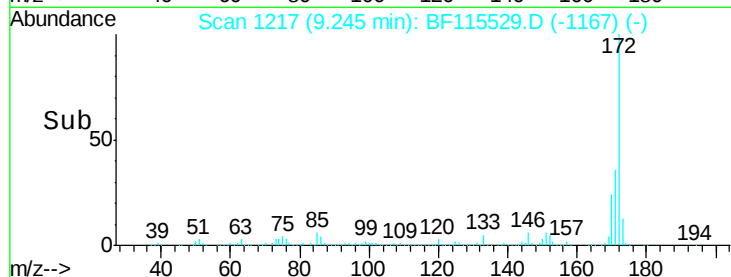
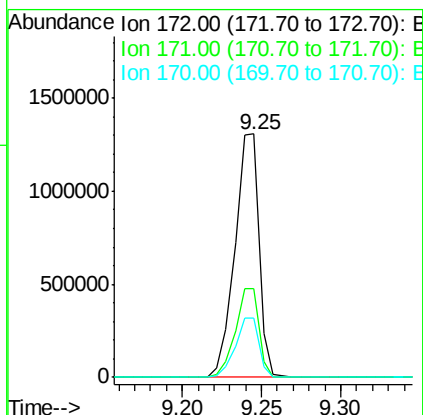
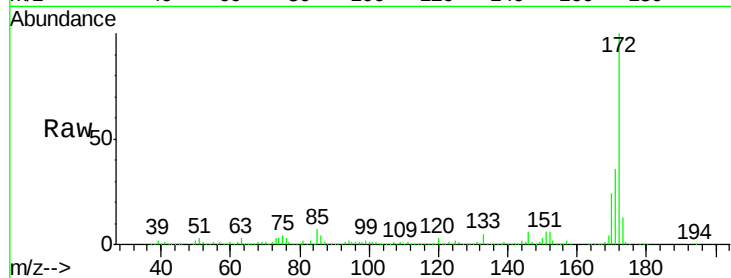




#45
2-Fluorobiphenyl
Concen: 84.334 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115529.D
Acq: 12 Jul 2019 16:36

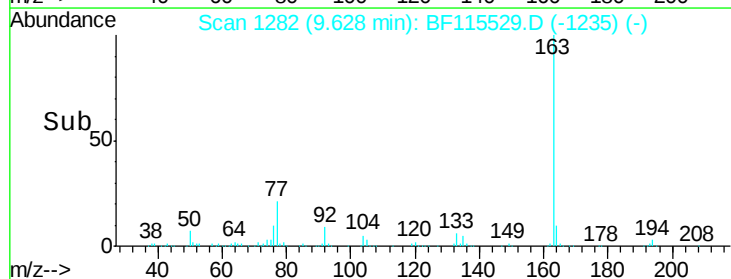
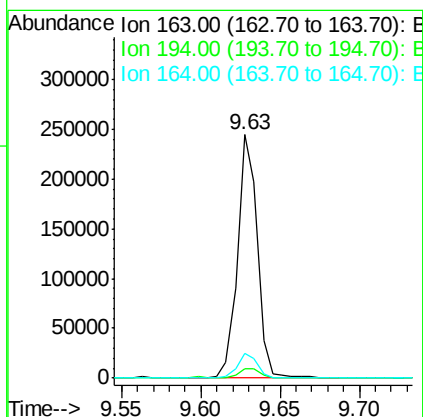
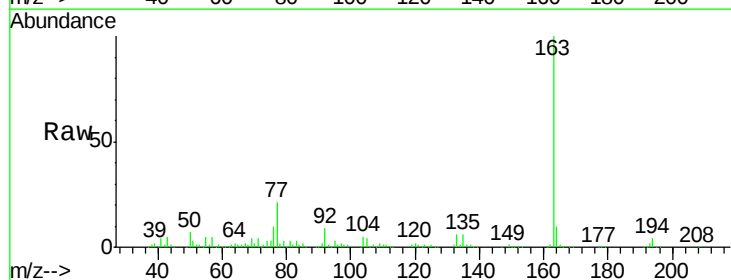
Instrument :
BNA_F
ClientSampleId :

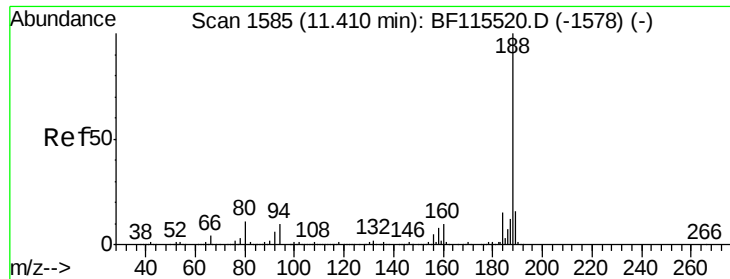
Tot Ion:172 Resp: 1380866
Ion Ratio Lower Upper
172 100
171 36.3 30.6 46.0
170 24.5 20.5 30.7



#50
Dimethylphthalate
Concen: 9.715 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115529.D
Acq: 12 Jul 2019 16:36

Tgt Ion:163 Resp: 209481
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 8.7 13.1

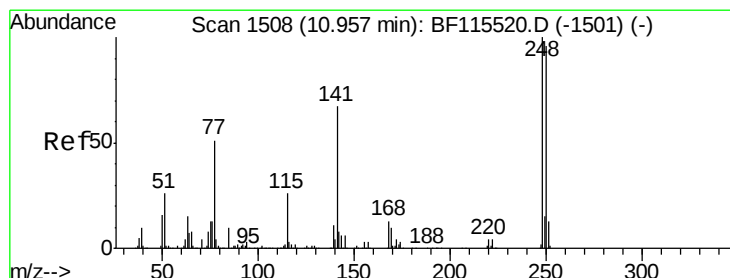
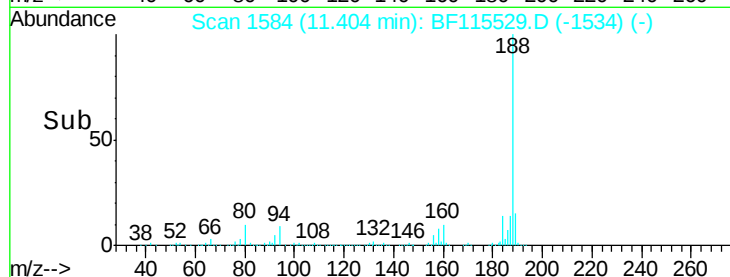
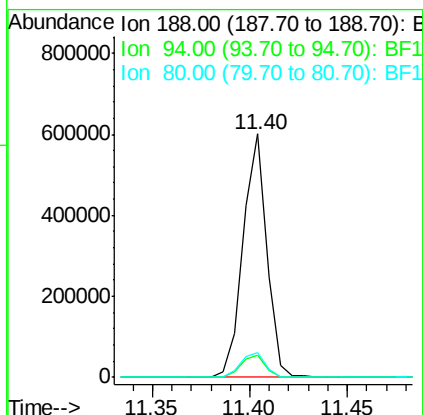
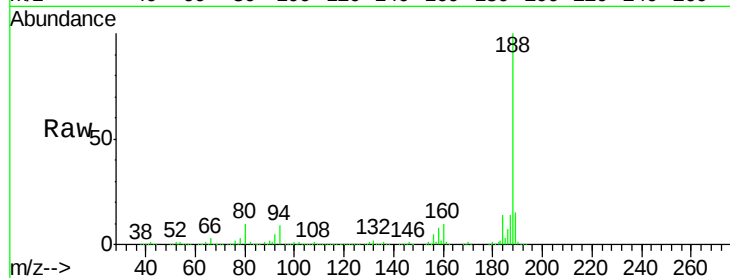




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115529.D
Acq: 12 Jul 2019 16:36

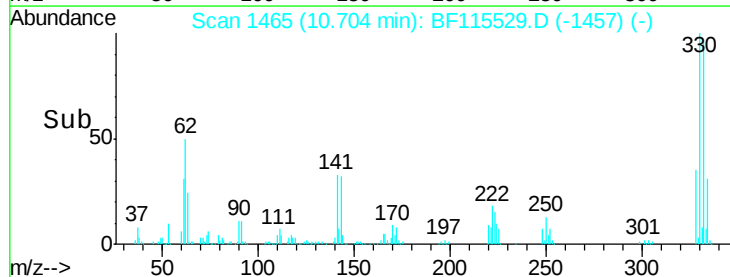
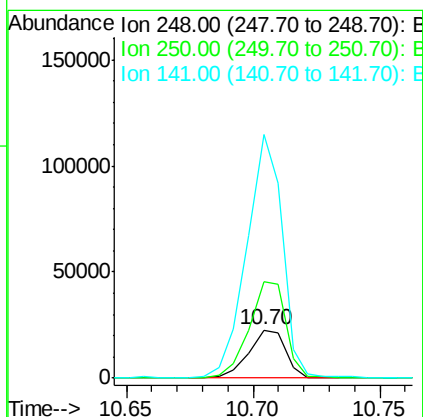
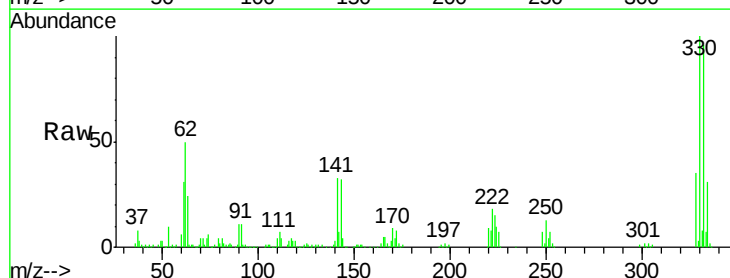
Instrument :
BNA_F
ClientSampleId :

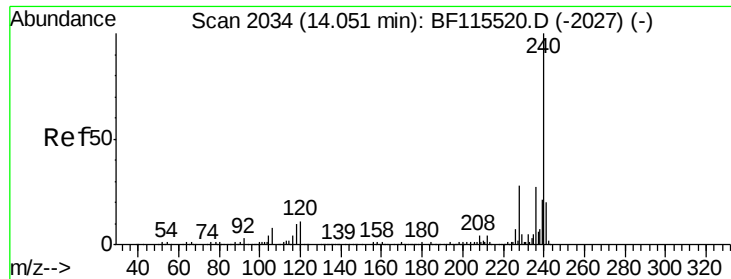
Tot Ion:188 Resp: 507273
Ion Ratio Lower Upper
188 100
94 9.3 7.8 11.6
80 10.1 8.6 13.0



#67
4-Bromophenyl-phenylether
Concen: 3.967 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF115529.D
Acq: 12 Jul 2019 16:36

Tgt Ion:248 Resp: 22997
Ion Ratio Lower Upper
248 100
250 201.5 78.0 117.0#
141 509.6 57.7 86.5#

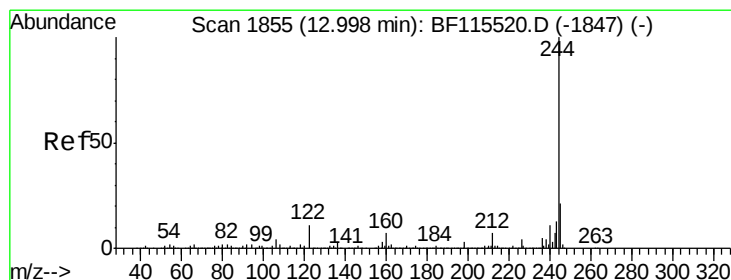
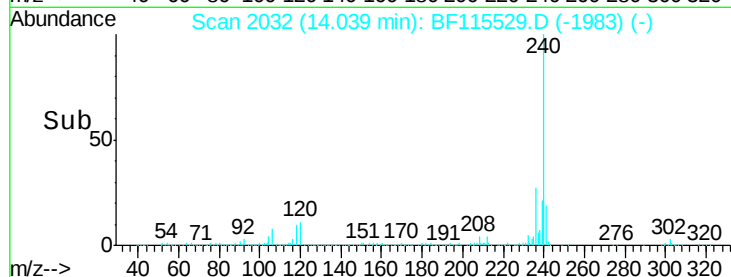
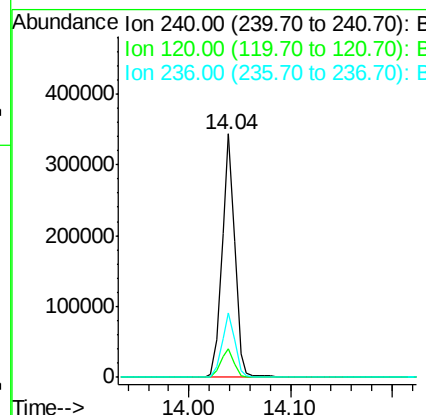
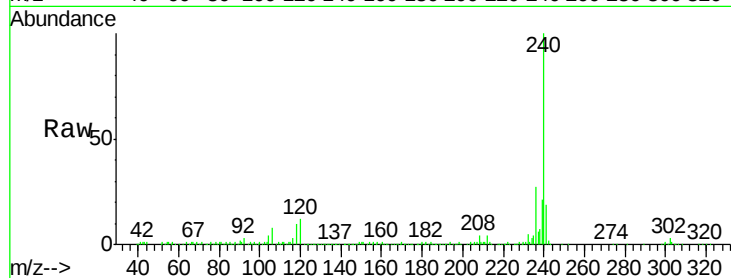




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115529.D
 Acq: 12 Jul 2019 16:36

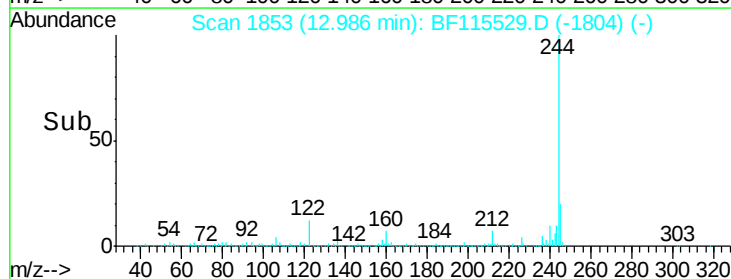
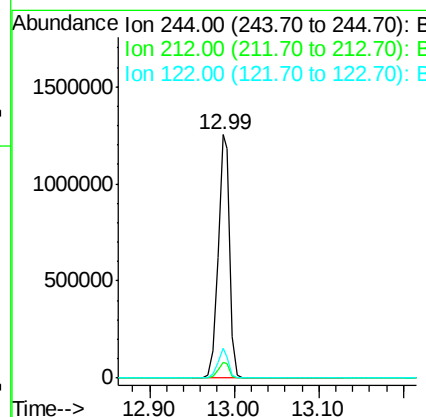
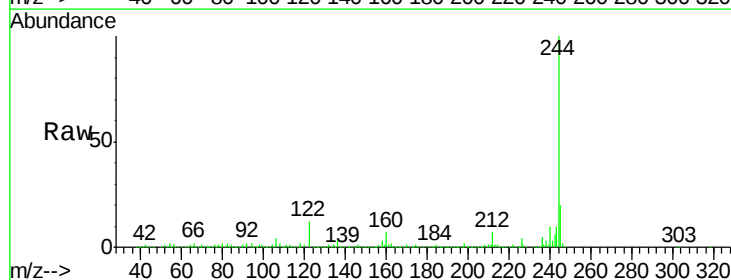
Instrument :
 BNA_F
 ClientSampleId :

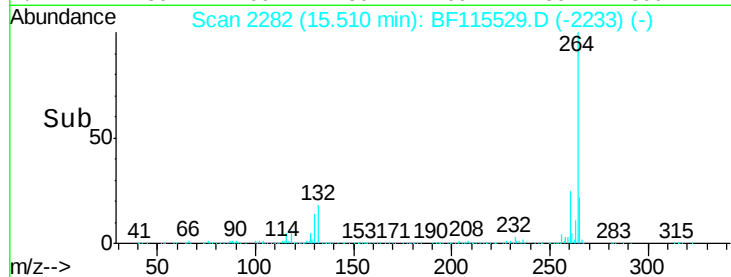
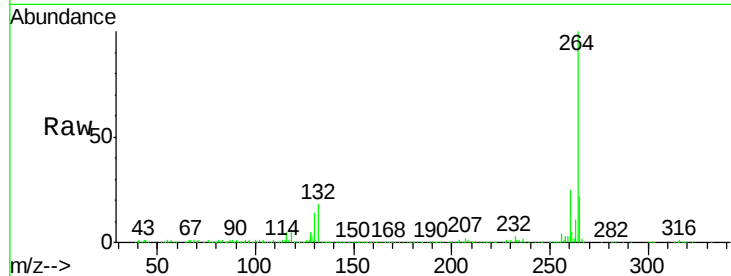
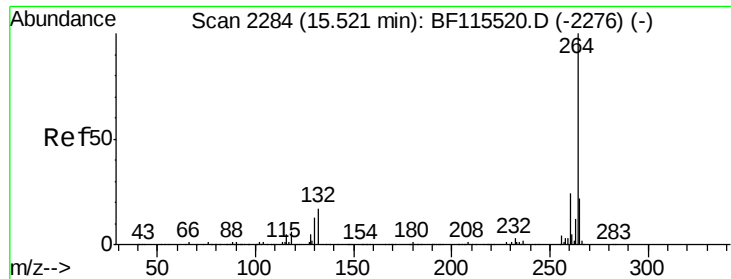
Tot Ion:240 Resp: 301511
 Ion Ratio Lower Upper
 240 100
 120 11.6 8.6 13.0
 236 26.5 21.3 31.9



#79
 Terphenyl-d14
 Concen: 75.037 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115529.D
 Acq: 12 Jul 2019 16:36

Tgt Ion:244 Resp: 1226153
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 12.2 8.6 12.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115529.D
Acq: 12 Jul 2019 16:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	22.1	17.7	26.5

