

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
 Data File : BF114343.D
 Acq On : 17 May 2019 12:21
 Operator : JU/SJ
 Sample : K2865-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 04:56:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

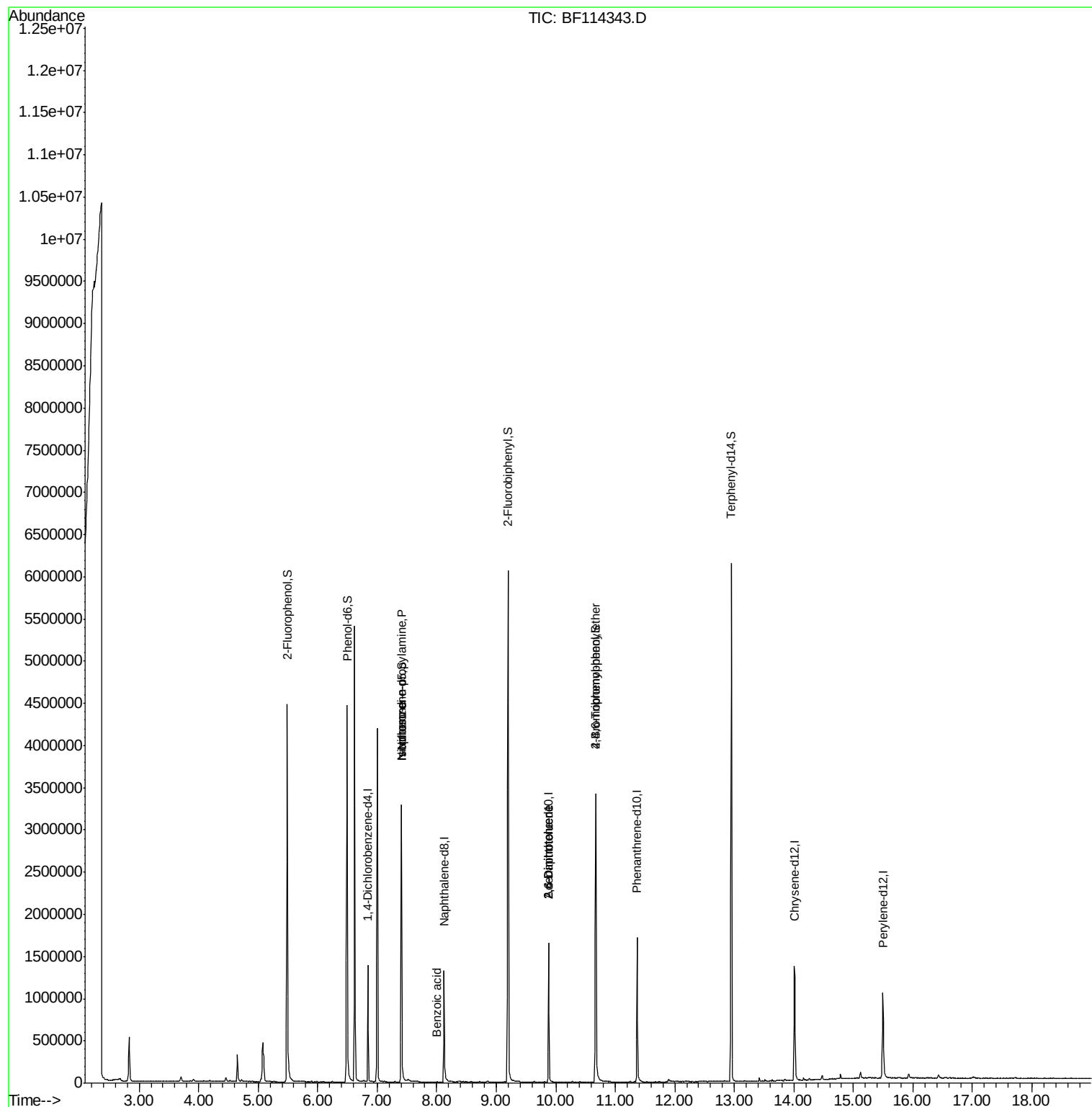
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	190231	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	730913	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	346348	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	728185	20.00	ng	0.00
76) Chrysene-d12	14.01	240	540737	20.00	ng	-0.01
87) Perylene-d12	15.50	264	526764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1351288	114.31	ng	0.00
7) Phenol-d6	6.49	99	1620956	115.94	ng	0.00
23) Nitrobenzene-d5	7.41	82	1177677	90.42	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	494174	138.01	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2008466	87.72	ng	-0.01
79) Terphenyl-d14	12.95	244	2243852	85.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	155974	17.601	ng	# 78
25) Isophorone	7.41	82	1177663	48.755	ng	# 64
32) Benzoic acid	8.00	122	275	7.053	ng	# 61
51) 2,6-Dinitrotoluene	9.88	165	43901	7.785	ng	# 22
57) 2,4-Dinitrotoluene	9.88	165	43901	5.736	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	31710	3.955	ng	# 1

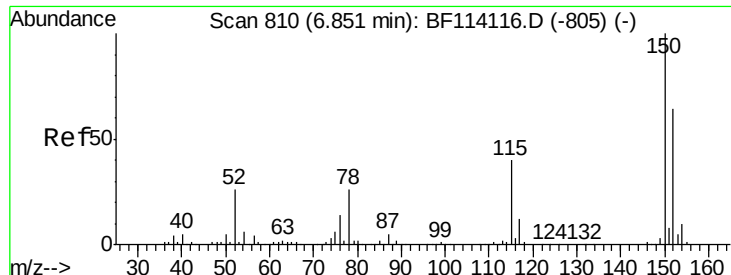
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration



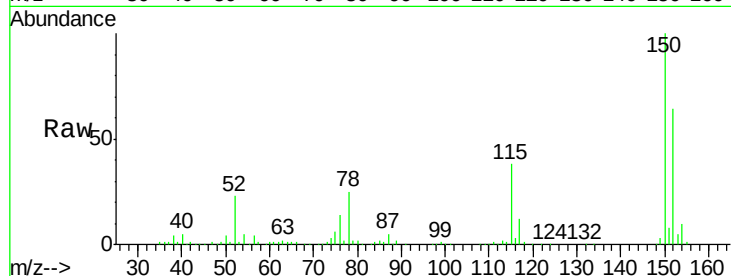


#1

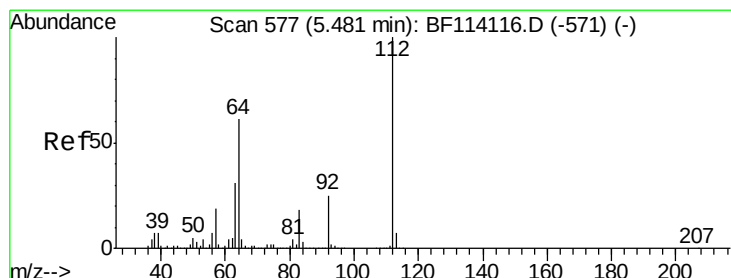
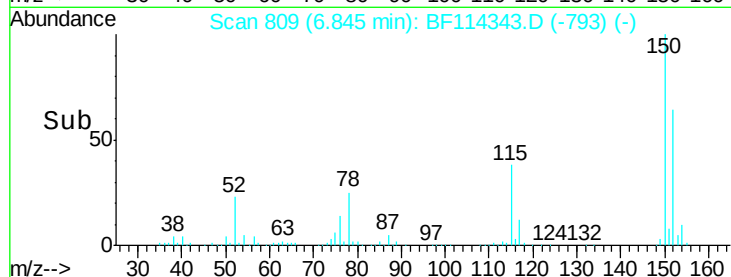
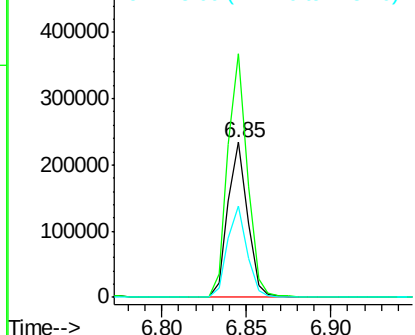
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114343.D
Acq: 17 May 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.3	186.5
115	59.0	49.1	73.7



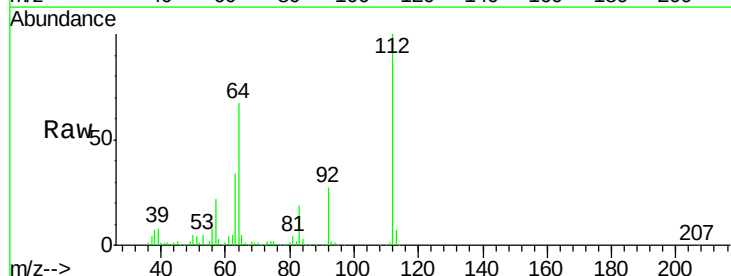
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



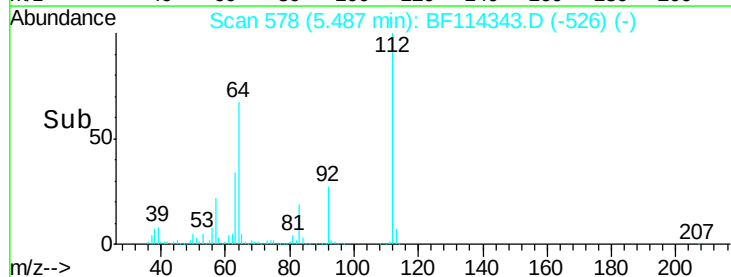
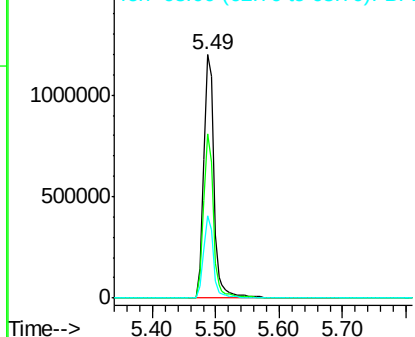
#5

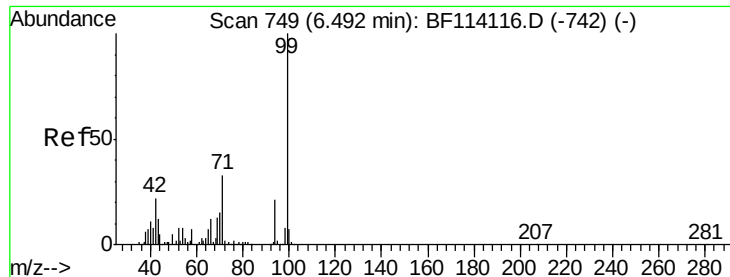
2-Fluorophenol
Concen: 114.312 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114343.D
Acq: 17 May 2019 12:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	49.0	73.6
63	33.7	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: 115.939 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114343.D

Acq: 17 May 2019 12:21

Instrument :

BNA_F

ClientSampleId :

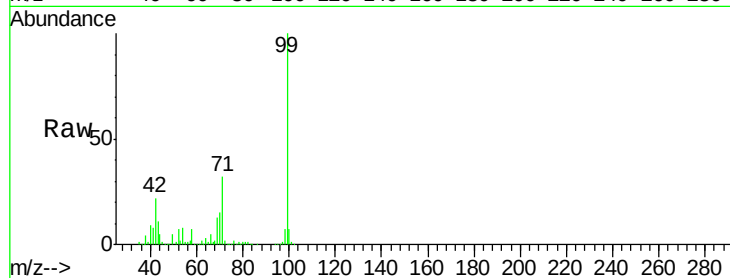
Tot Ion: 99 Resp: 1620956

Ion Ratio Lower Upper

99 100

42 22.0 17.9 26.9

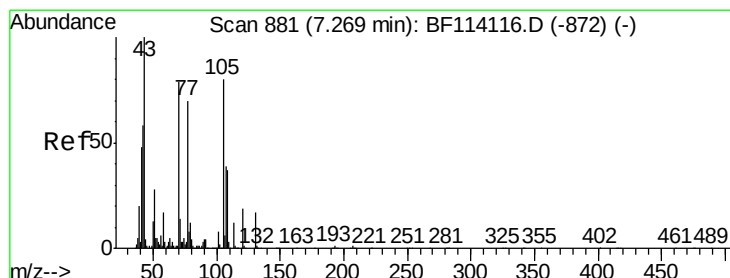
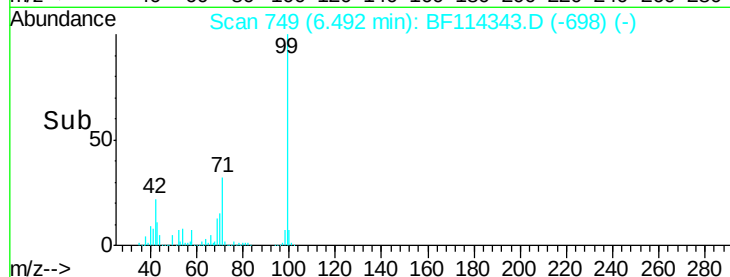
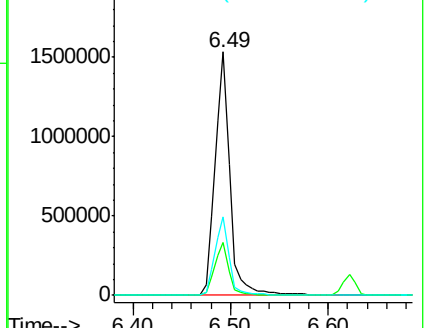
71 32.2 26.2 39.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.601 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF114343.D

Acq: 17 May 2019 12:21

Tgt Ion: 70 Resp: 155974

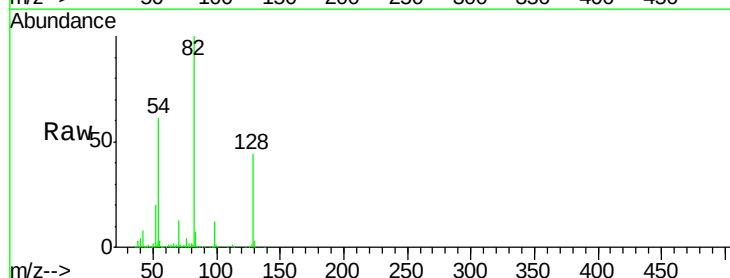
Ion Ratio Lower Upper

70 100

42 60.1 58.6 87.8

101 0.0 7.8 11.8#

130 2.2 17.1 25.7#

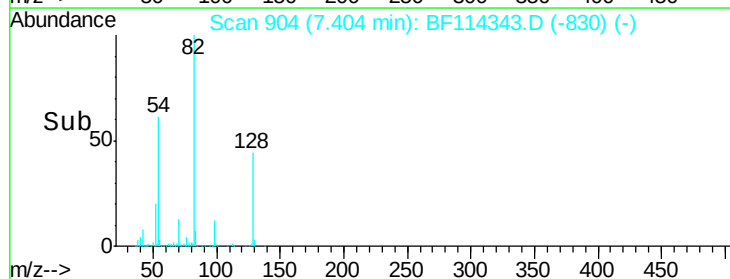
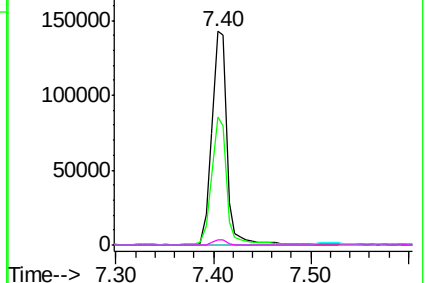


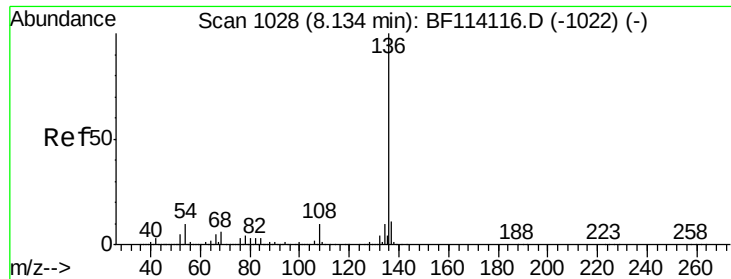
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

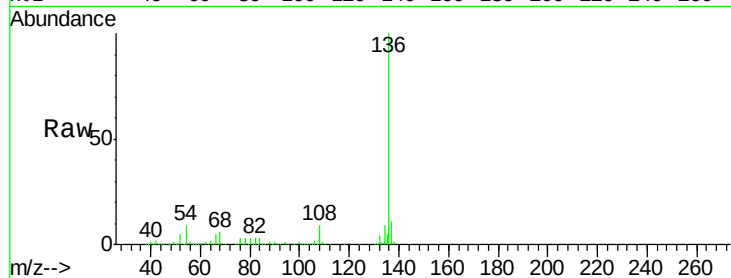




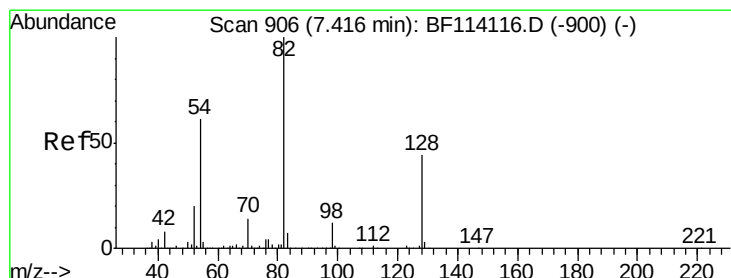
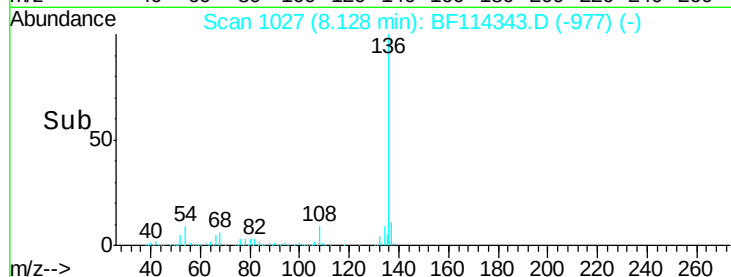
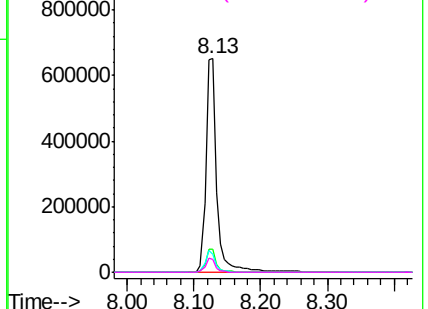
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114343.D
Acq: 17 May 2019 12:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	730913
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.8	13.2
54 8.7	7.8	11.8
68 6.0	5.1	7.7

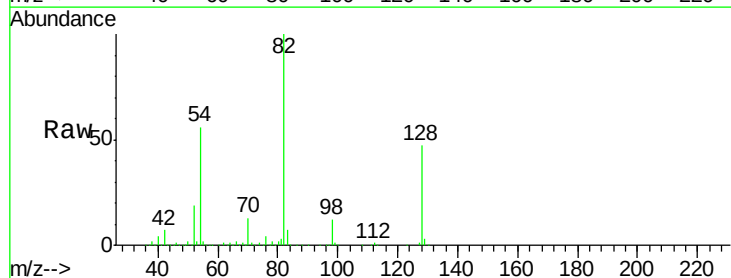


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

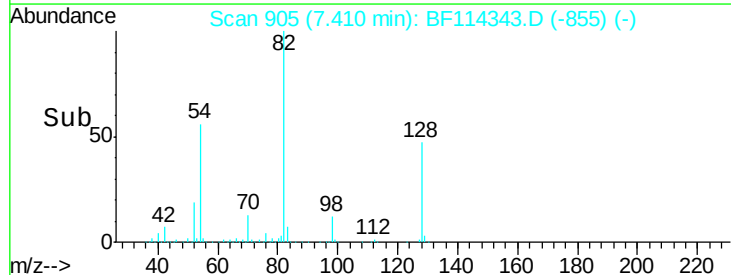
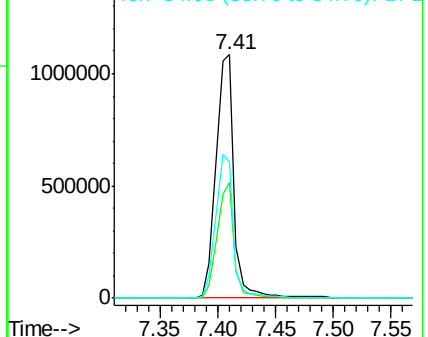


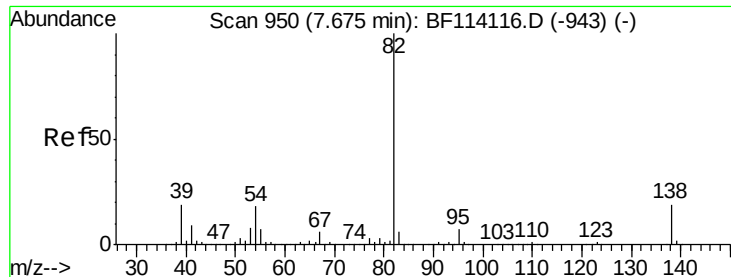
#23
Nitrobenzene-d5
Concen: 90.423 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114343.D
Acq: 17 May 2019 12:21

Tgt Ion: 82	Resp: 1177677
Ion Ratio	Lower Upper
82 100	
128 47.5	35.5 53.3
54 56.1	48.5 72.7



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: 48.755 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114343.D

Acq: 17 May 2019 12:21

Instrument :

BNA_F

ClientSampled :

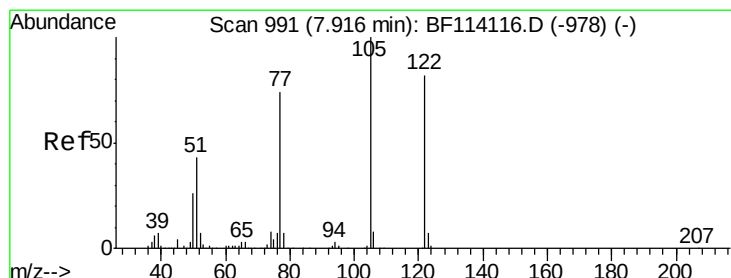
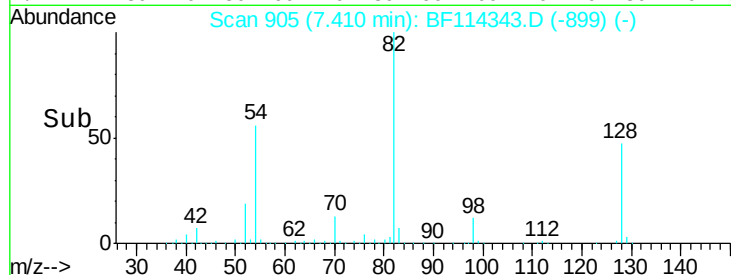
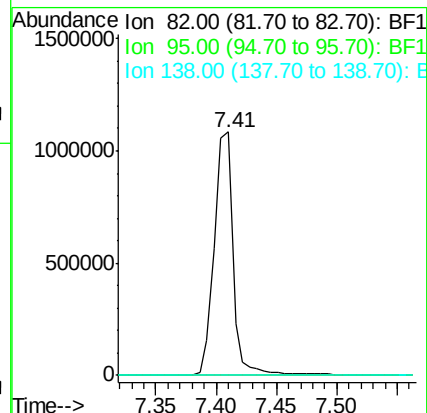
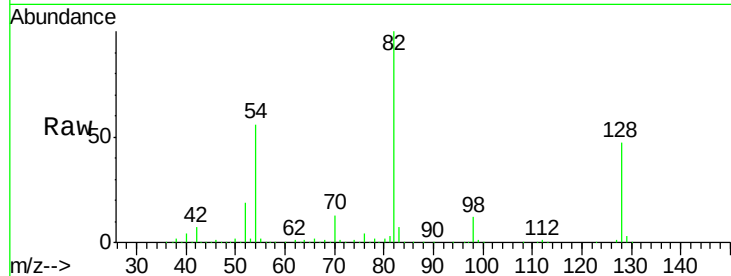
Tot Ion: 82 Resp: 1177663

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#32

Benzoic acid

Concen: 7.053 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.08 min

Lab File: BF114343.D

Acq: 17 May 2019 12:21

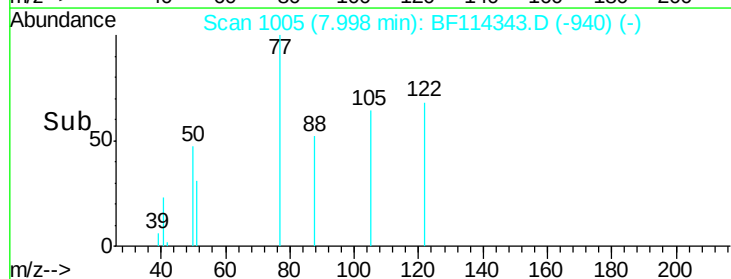
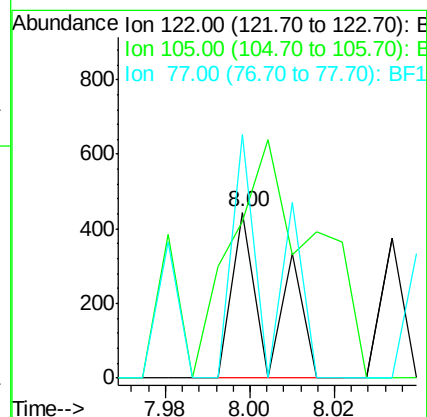
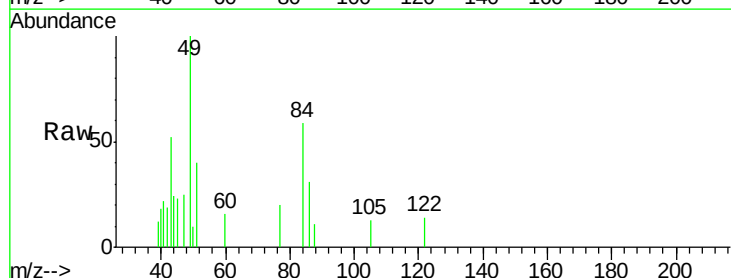
Tgt Ion: 122 Resp: 275

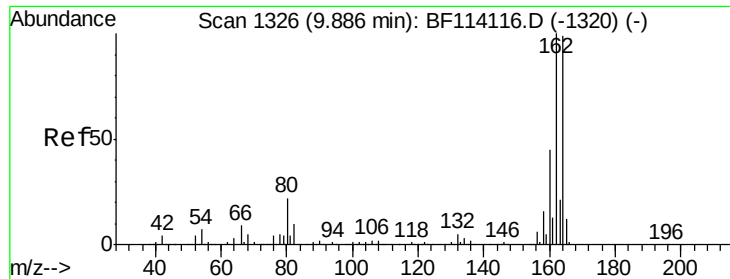
Ion Ratio Lower Upper

122 100

105 94.6 99.9 139.9#

77 147.1 69.4 109.4#

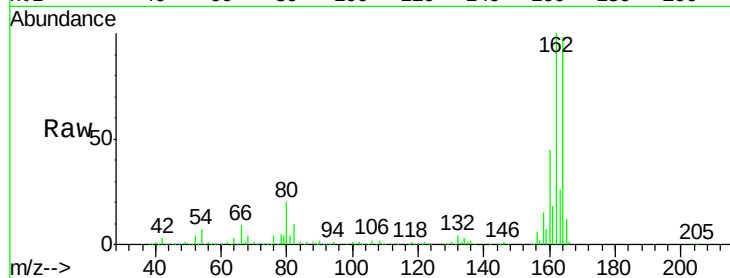




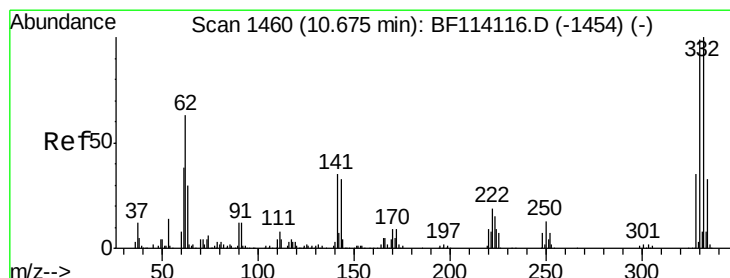
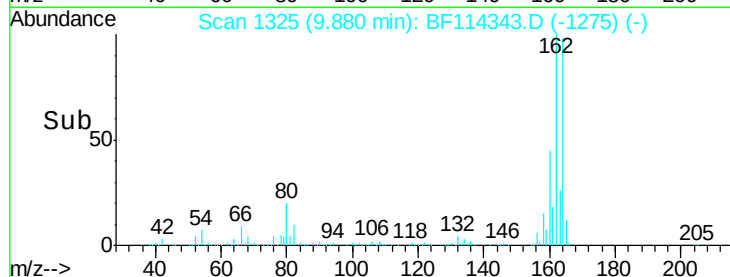
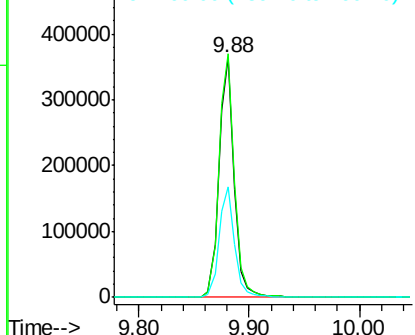
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114343.D
Acq: 17 May 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 346348
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 45.9 36.5 54.7

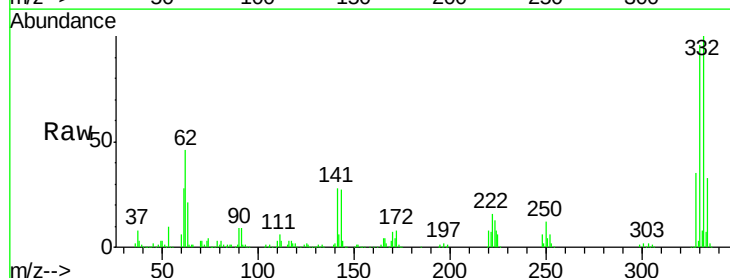


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

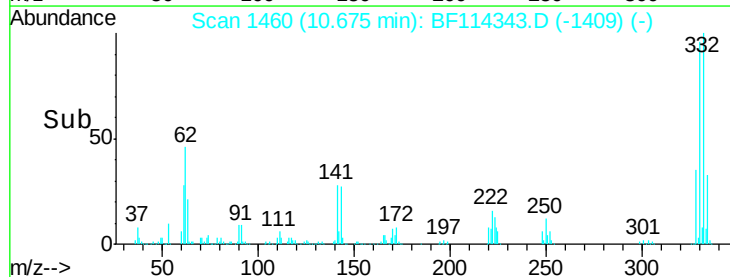
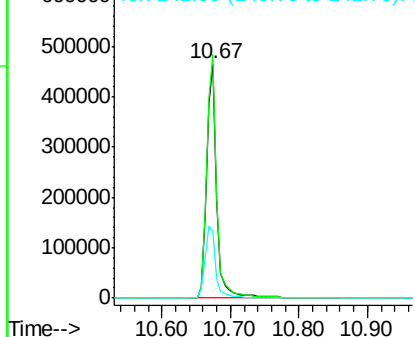


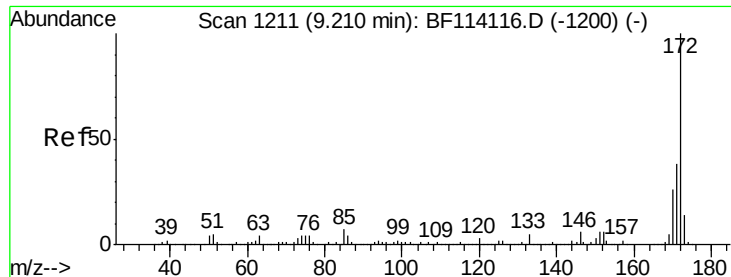
#42
2,4,6-Tribromophenol
Concen: 138.012 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF114343.D
Acq: 17 May 2019 12:21

Tgt Ion:330 Resp: 494174
Ion Ratio Lower Upper
330 100
332 103.4 81.4 122.2
141 32.8 26.6 40.0



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

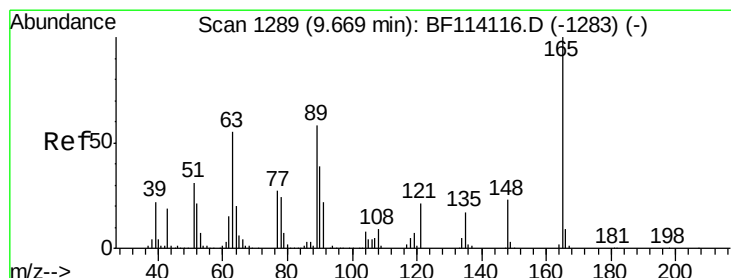
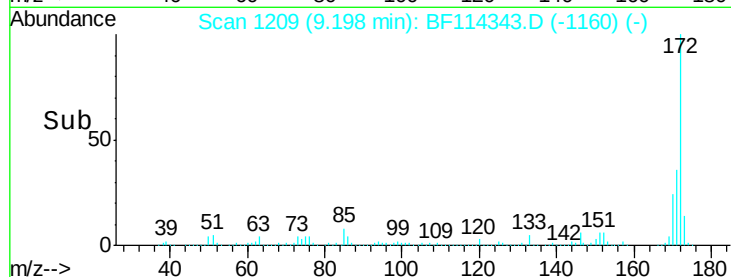
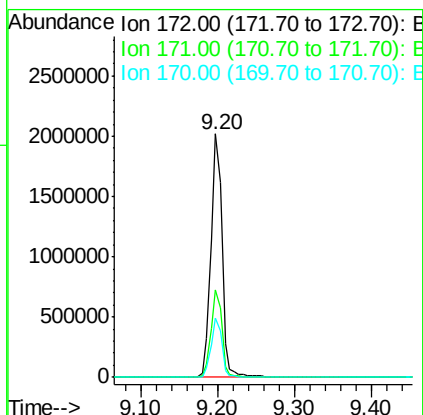
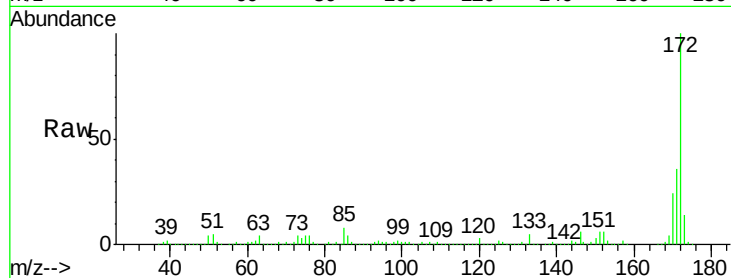




#45
 2-Fluorobiphenyl
 Concen: 87.719 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF114343.D
 Acq: 17 May 2019 12:21

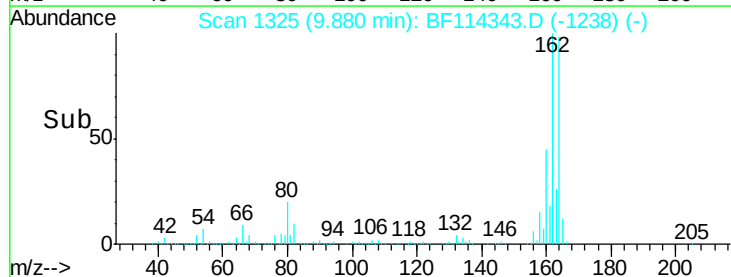
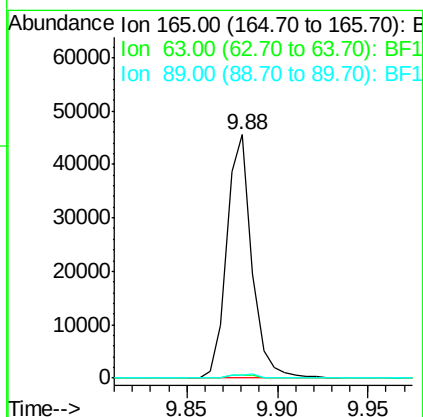
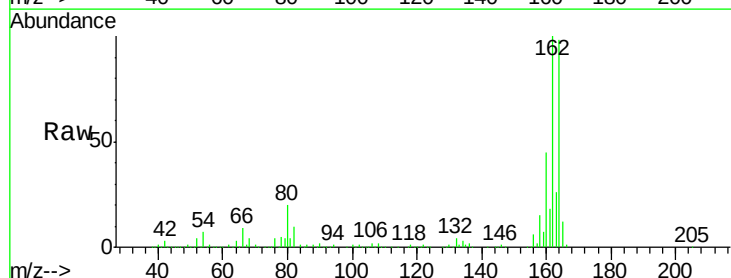
Instrument :
 BNA_F
 ClientSampleId :

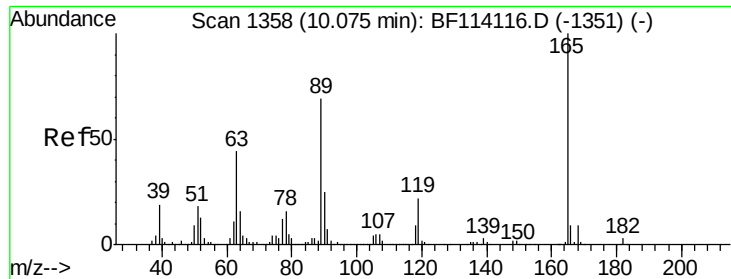
Tot Ion:172 Resp: 2008466
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.7 46.1
 170 24.2 20.5 30.7



#51
 2,6-Dinitrotoluene
 Concen: 7.785 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF114343.D
 Acq: 17 May 2019 12:21

Tgt Ion:165 Resp: 43901
 Ion Ratio Lower Upper
 165 100
 63 1.2 50.2 75.4#
 89 1.4 46.6 69.8#

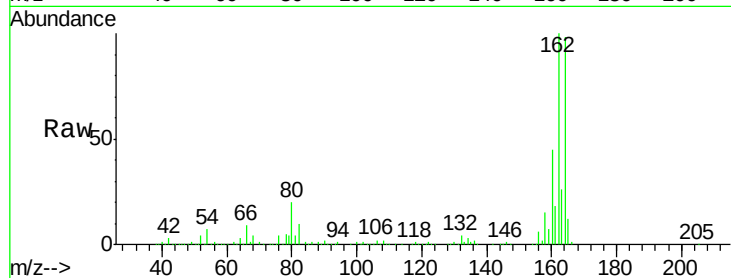




#57
 2,4-Dinitrotoluene
 Concen: 5.736 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF114343.D
 Acq: 17 May 2019 12:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.5	53.3#
89	1.4	55.2	82.8#
182	0.0	2.2	3.2#

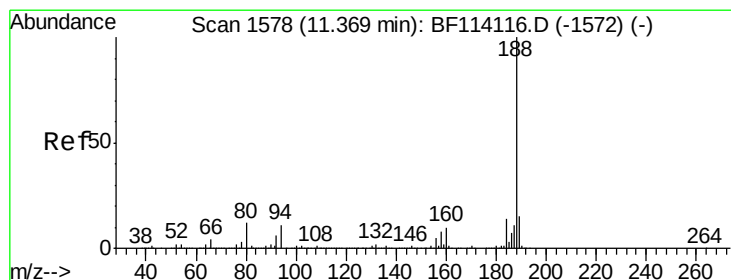
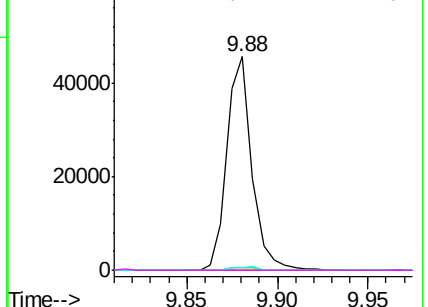
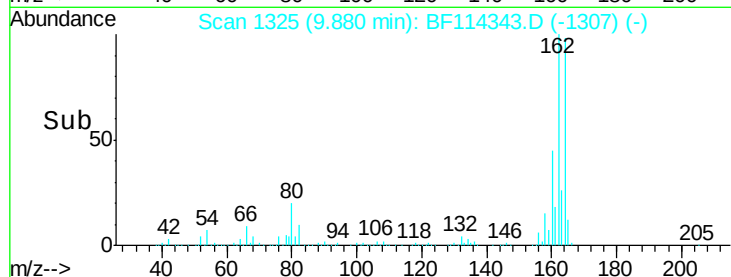


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

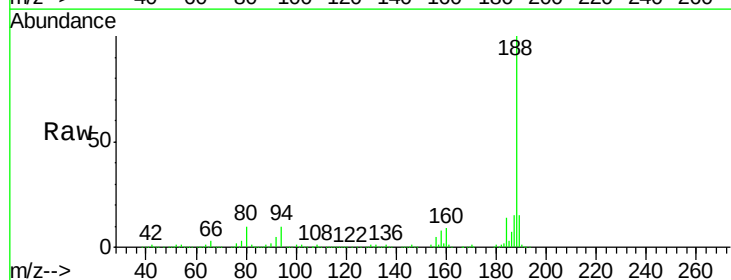
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF114343.D
 Acq: 17 May 2019 12:21

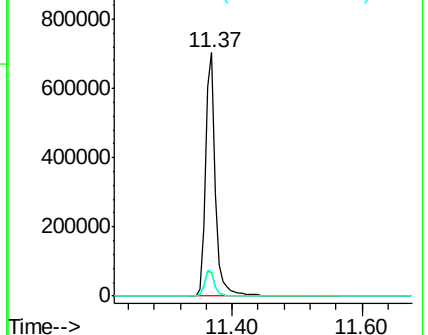
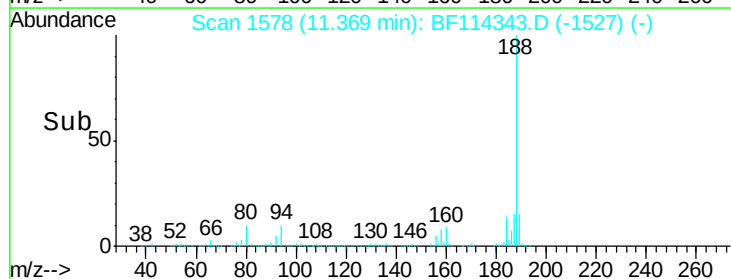
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.4	12.6
80	10.1	9.2	13.8

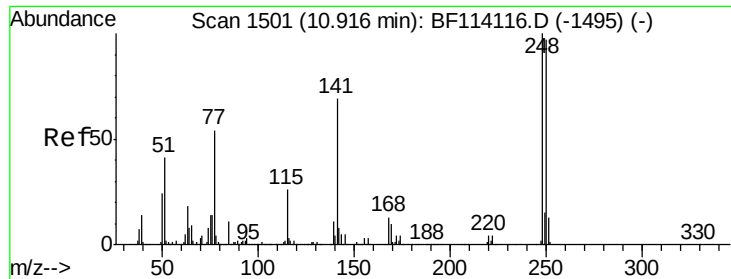


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

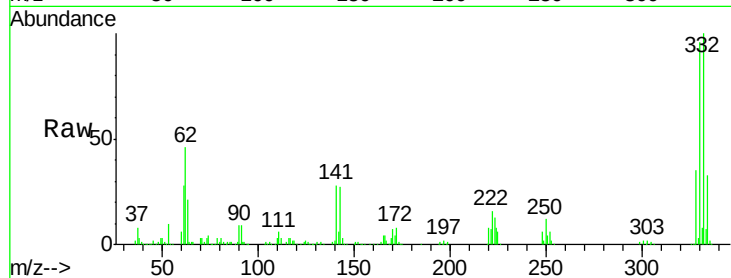




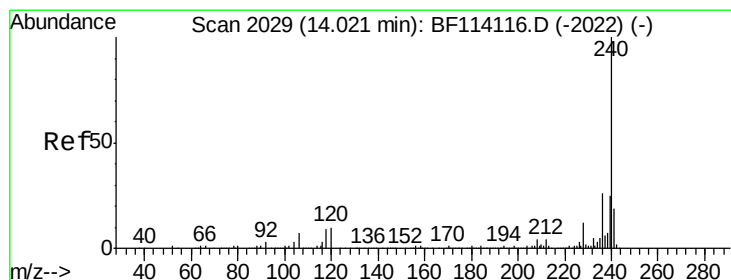
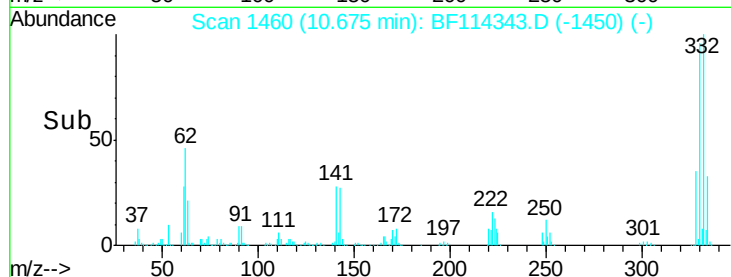
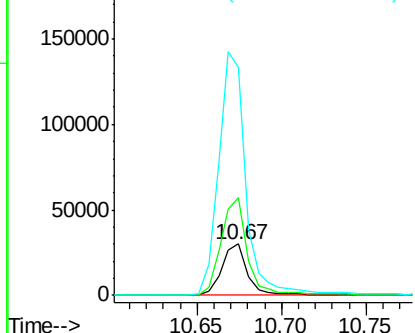
#67
4-Bromophenyl-phenylether
Concen: 3.955 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114343.D
Acq: 17 May 2019 12:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 31710
Ion Ratio Lower Upper
248 100
250 190.3 77.4 116.2#
141 444.6 55.6 83.4#

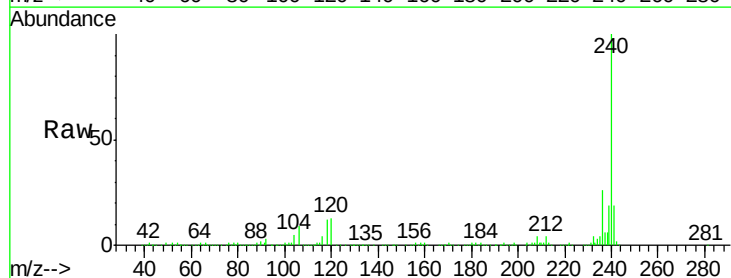


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

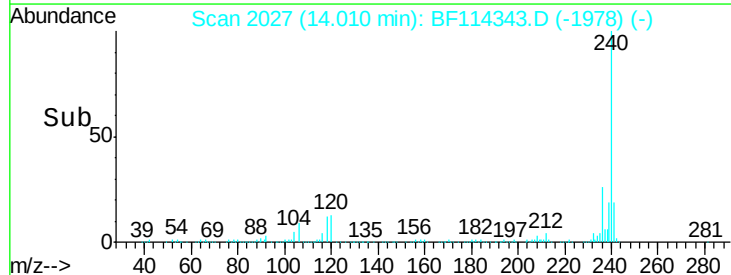
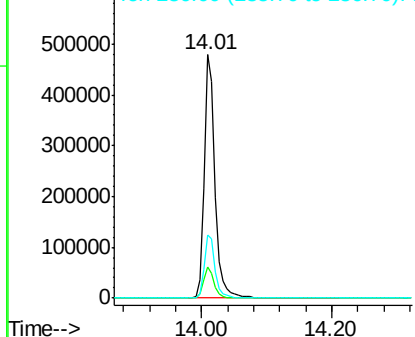


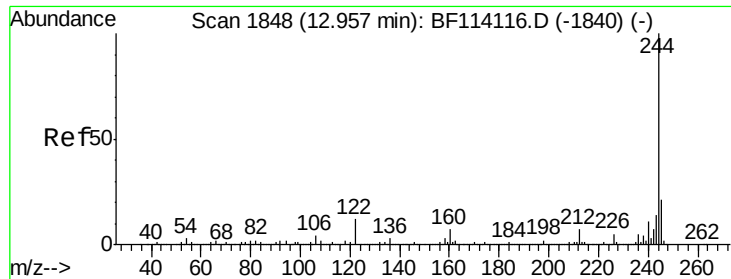
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114343.D
Acq: 17 May 2019 12:21

Tgt Ion:240 Resp: 540737
Ion Ratio Lower Upper
240 100
120 12.8 8.3 12.5#
236 26.0 20.8 31.2



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



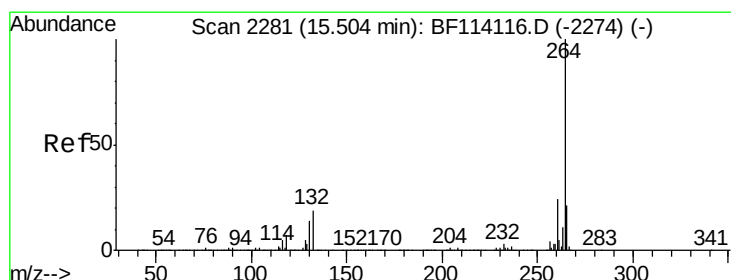
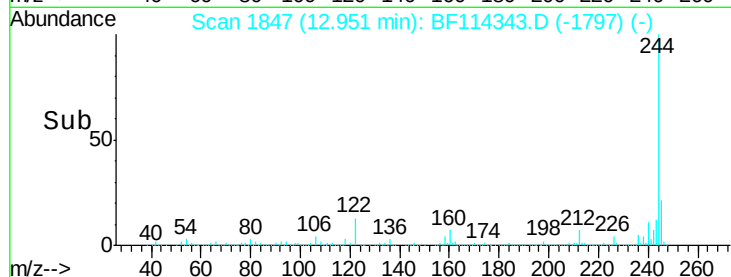
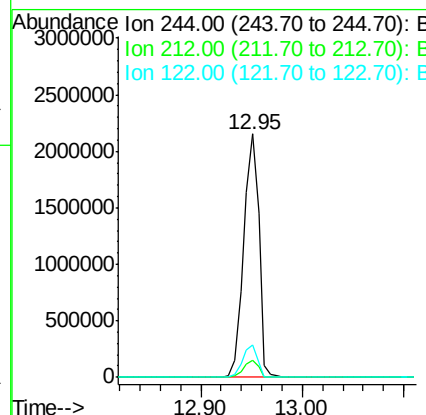
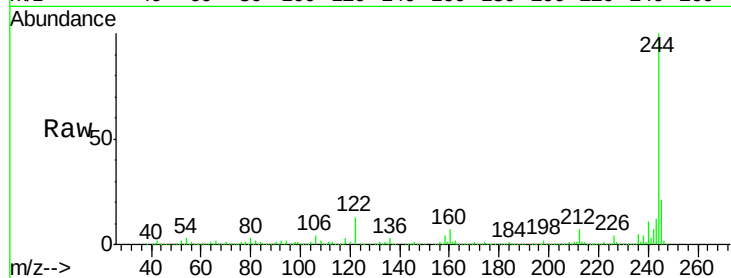


#79
 Terphenyl-d14
 Concen: 85.542 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114343.D
 Acq: 17 May 2019 12:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2243852

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	13.5	9.4	14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF114343.D
 Acq: 17 May 2019 12:21

Tgt Ion:264 Resp: 526764

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.7	16.9	25.3

