

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114417.D
 Acq On : 19 May 2019 4:04
 Operator : JU/SJ
 Sample : K2643-08
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:15:12 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

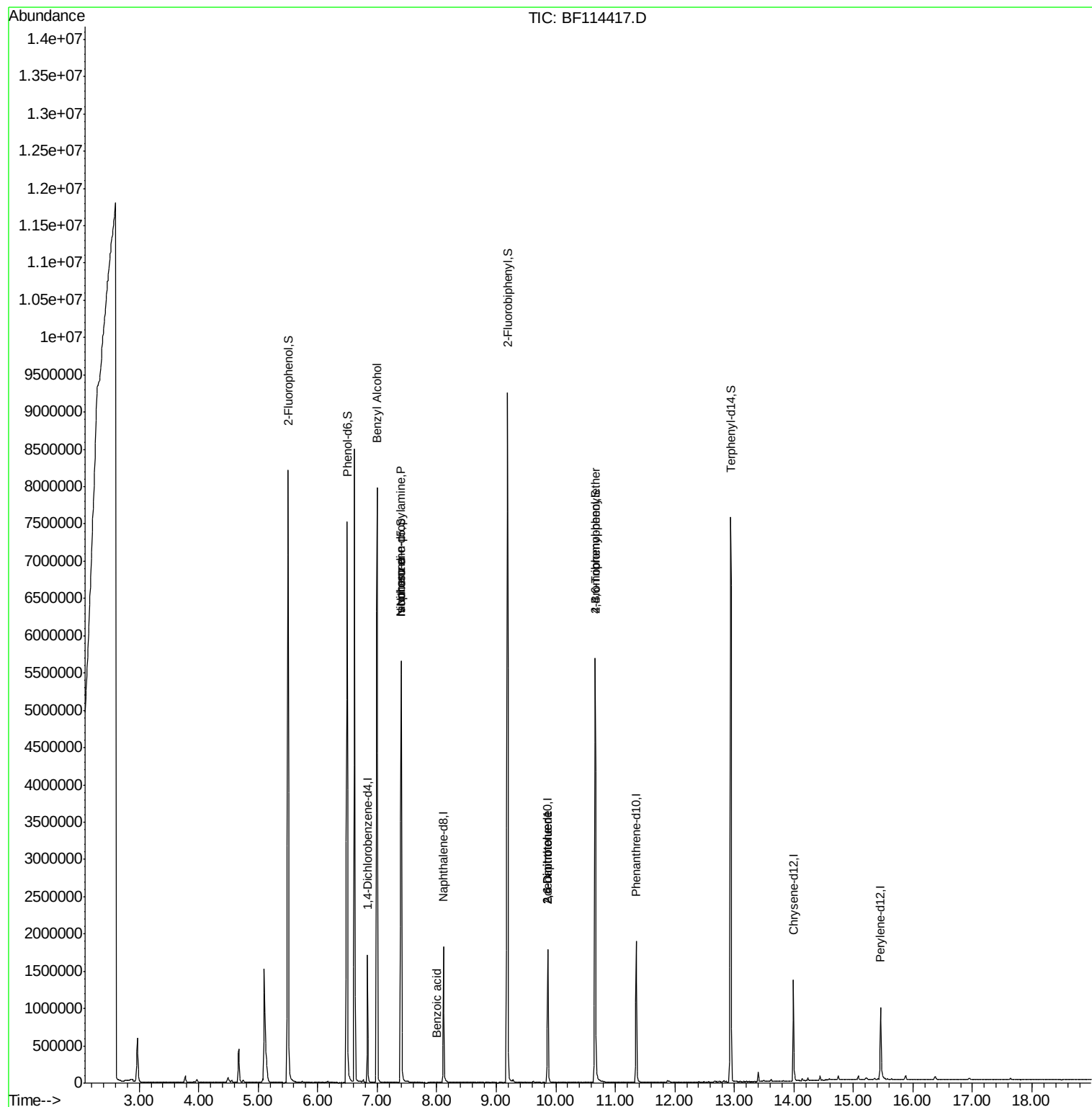
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	262610	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	931629	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	425068	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	771251	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	486947	20.00	ng	-0.03
87) Perylene-d12	15.46	264	511997	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2839625	174.01	ng	0.02
7) Phenol-d6	6.50	99	3457779	179.15	ng	0.00
23) Nitrobenzene-d5	7.40	82	2669489	160.81	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	893320	203.28	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	4001827	142.41	ng	-0.02
79) Terphenyl-d14	12.94	244	3323656	140.70	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.00	79	39433	2.620	ng	# 46
19) n-Nitroso-di-n-propylamine	7.40	70	366859	29.988	ng	# 77
25) Isophorone	7.40	82	2669790	86.717	ng	# 64
32) Benzoic acid	8.01	122	840	7.099	ng	# 88
51) 2,6-Dinitrotoluene	9.86	165	54364	7.855	ng	# 22
57) 2,4-Dinitrotoluene	9.86	165	54365	5.787	ng	# 25
67) 4-Bromophenyl-phenylether	10.66	248	57666	6.791	ng	# 1

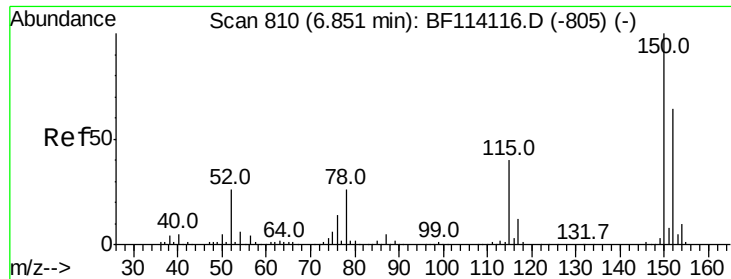
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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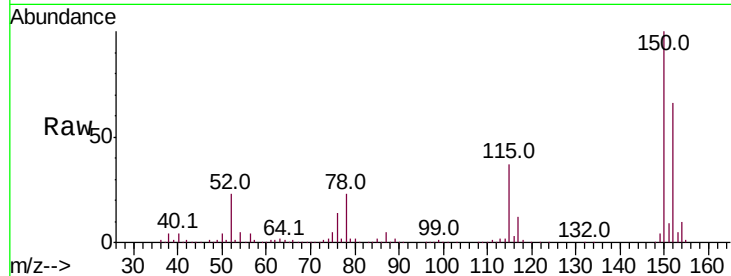


#1

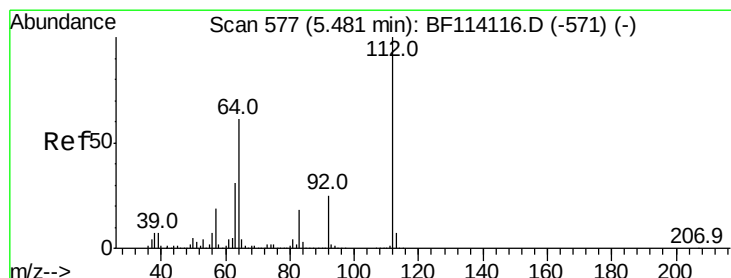
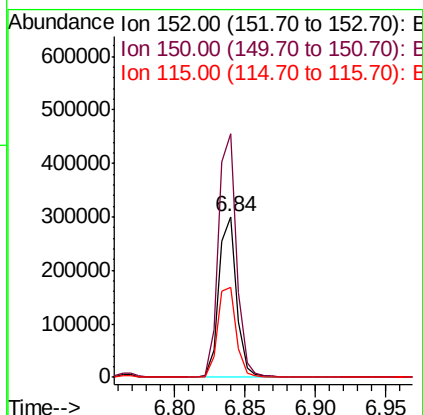
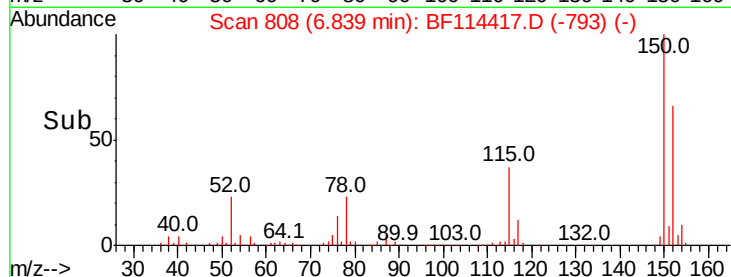
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF114417.D
Acq: 19 May 2019 4:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 262610
Ion Ratio Lower Upper
152 100
150 151.4 124.3 186.5
115 56.1 49.1 73.7



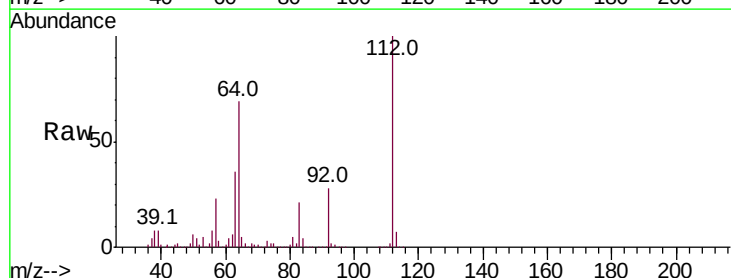
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



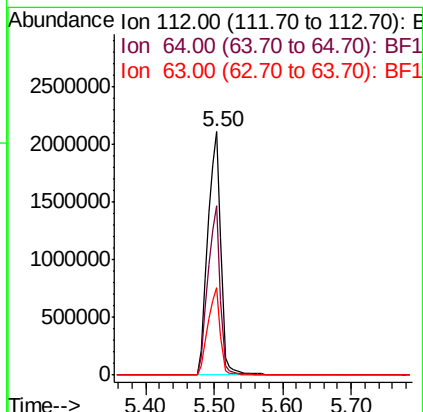
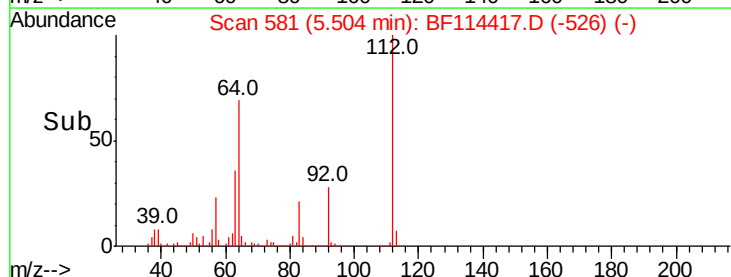
#5

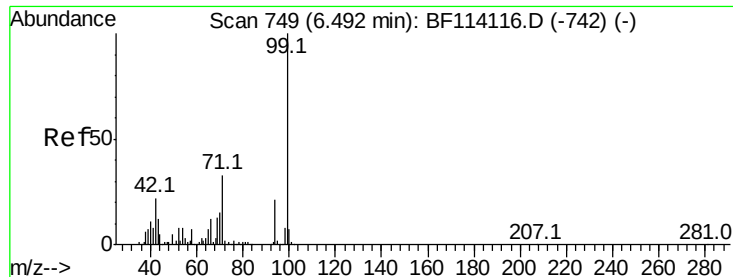
2-Fluorophenol
Concen: 174.011 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF114417.D
Acq: 19 May 2019 4:04

Tgt Ion:112 Resp: 2839625
Ion Ratio Lower Upper
112 100
64 69.5 49.0 73.6
63 35.8 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: 179.154 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114417.D

Acq: 19 May 2019 4:04

Instrument :

BNA_F

ClientSampleId :

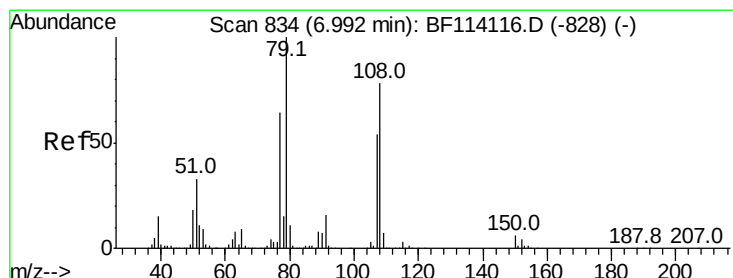
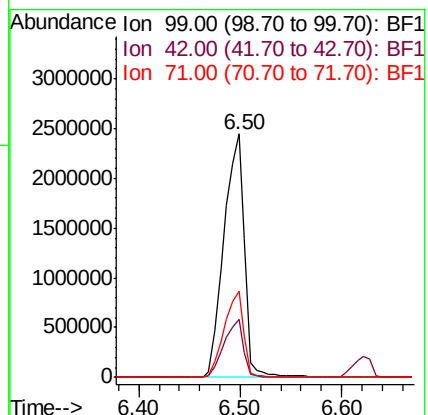
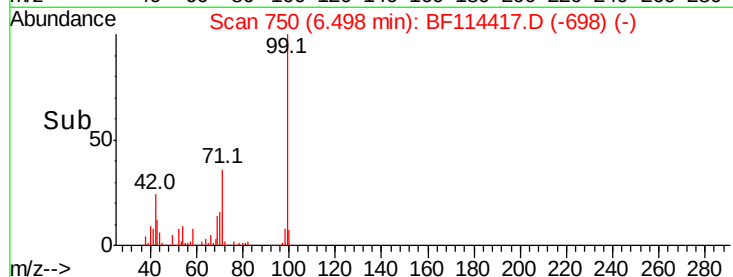
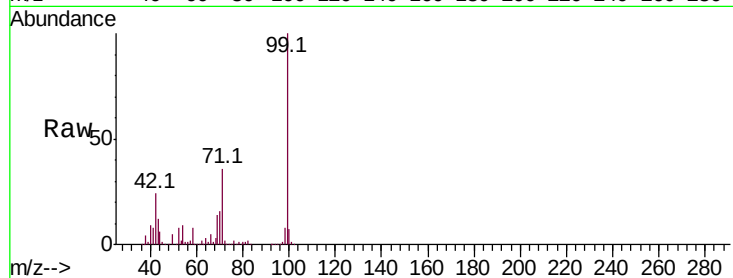
Tot Ion: 99 Resp: 3457779

Ion Ratio Lower Upper

99 100

42 23.8 17.9 26.9

71 35.6 26.2 39.2



#15

Benzyl Alcohol

Concen: 2.620 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF114417.D

Acq: 19 May 2019 4:04

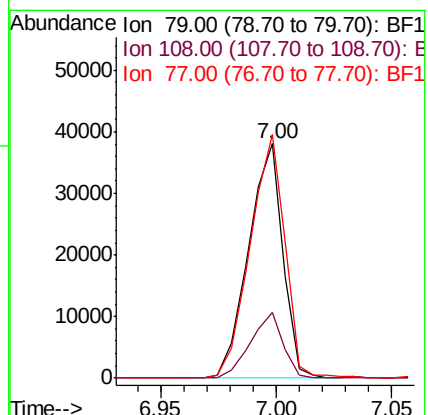
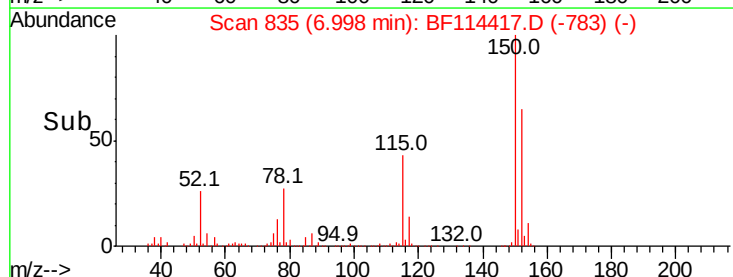
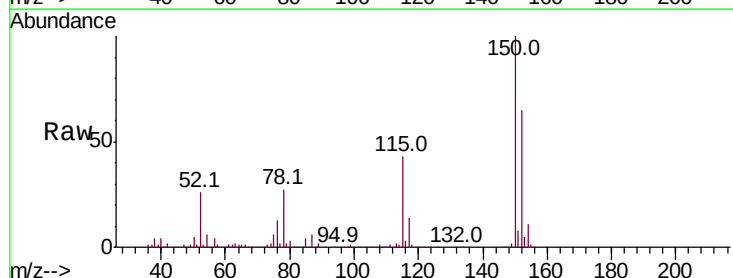
Tgt Ion: 79 Resp: 39433

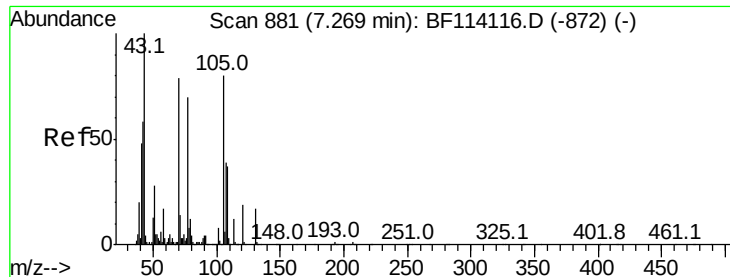
Ion Ratio Lower Upper

79 100

108 28.1 62.1 93.1#

77 103.9 51.0 76.6#

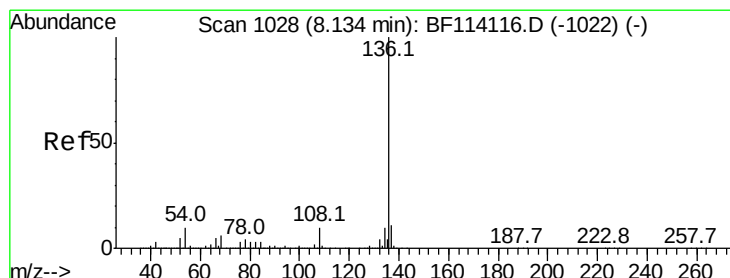
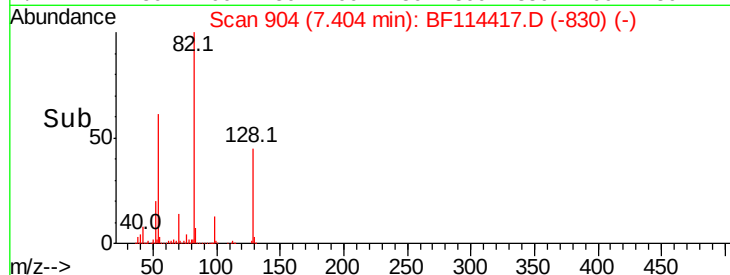
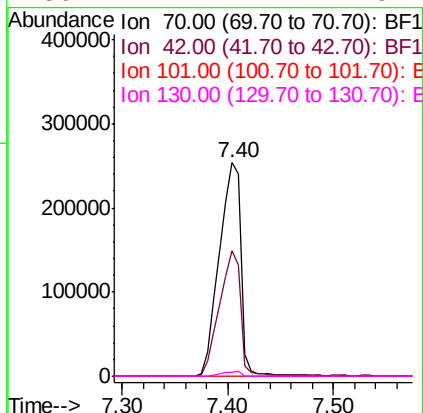
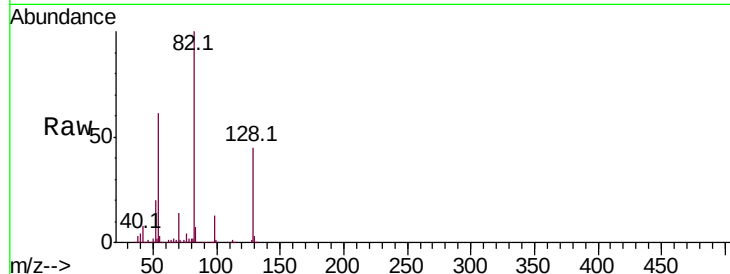




#19
n-Nitroso-di-n-propylamine
Concen: 29.988 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF114417.D
Acq: 19 May 2019 4:04

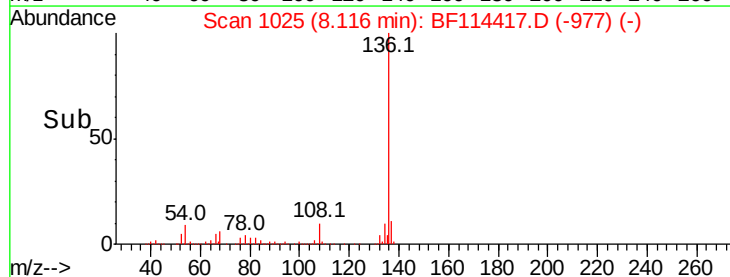
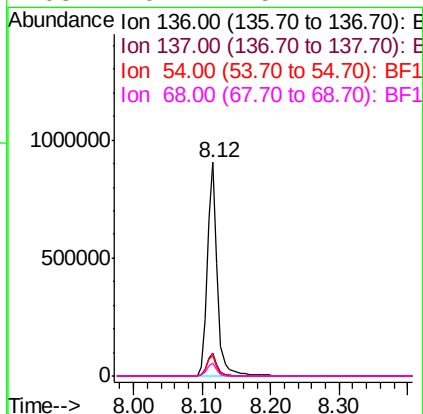
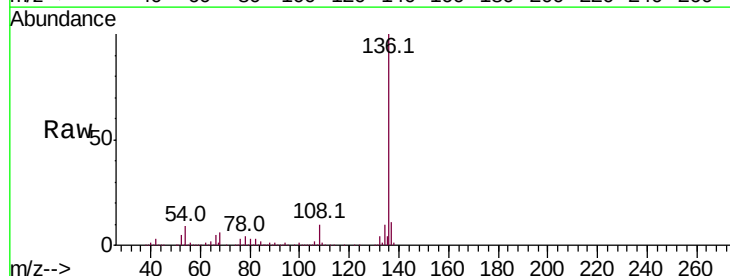
Instrument :
BNA_F
ClientSampleId :

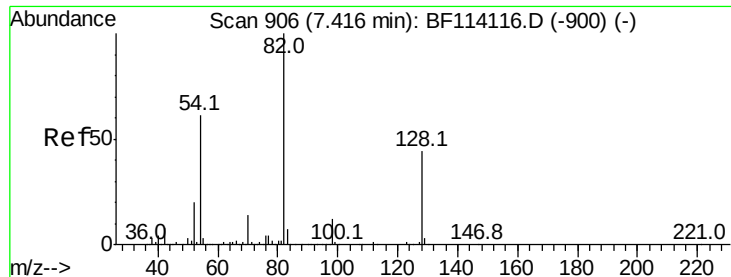
Tot Ion: 70 Resp: 366859
Ion Ratio Lower Upper
70 100
42 58.7 58.6 87.8
101 0.0 7.8 11.8#
130 2.1 17.1 25.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF114417.D
Acq: 19 May 2019 4:04

Tgt Ion: 136 Resp: 931629
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.4 7.8 11.8
68 6.1 5.1 7.7



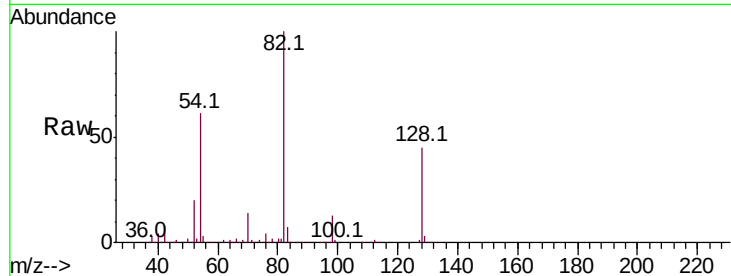


#23
 Nitrobenzene-d5
 Concen: 160.806 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF114417.D
 Acq: 19 May 2019 4:04

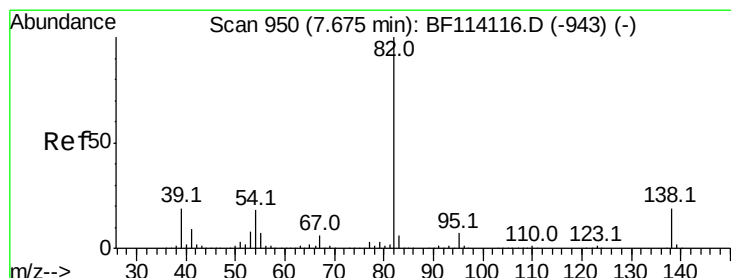
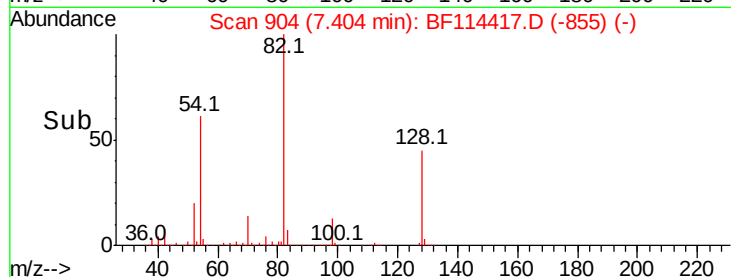
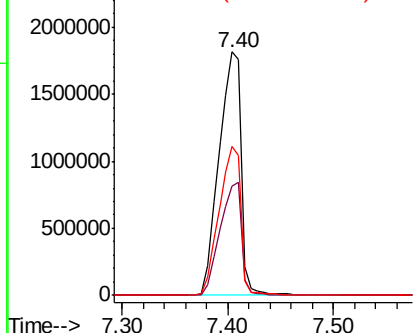
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 2669489

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.5	53.3
54	61.2	48.5	72.7



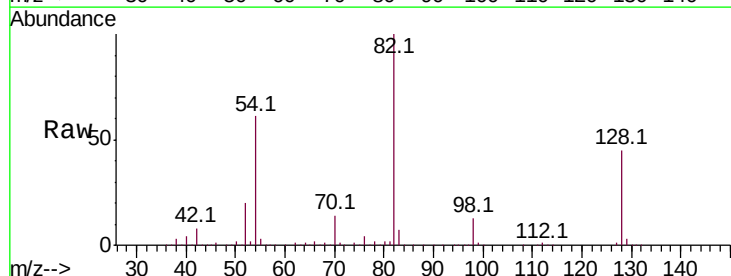
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



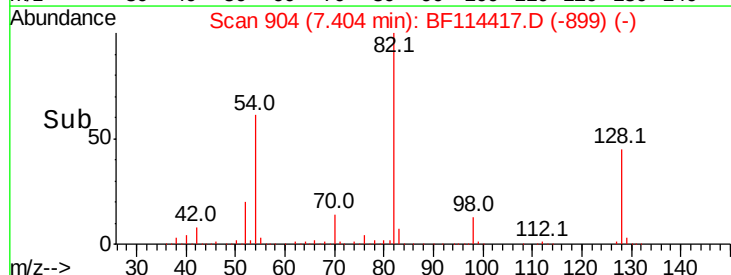
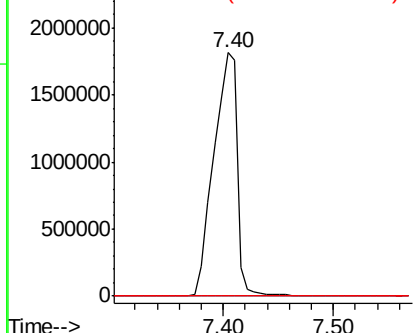
#25
 Isophorone
 Concen: 86.717 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.27 min
 Lab File: BF114417.D
 Acq: 19 May 2019 4:04

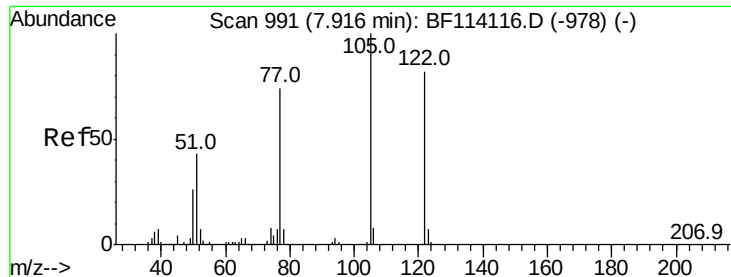
Tgt Ion: 82 Resp: 2669790

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.8	22.2#



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

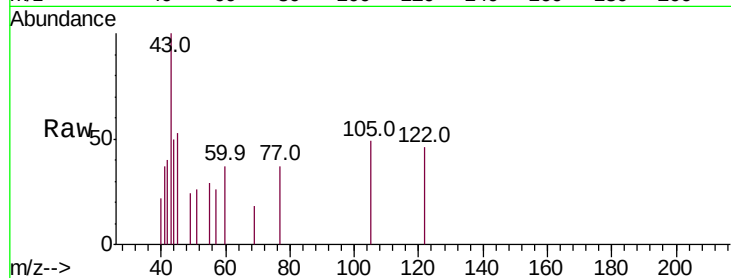




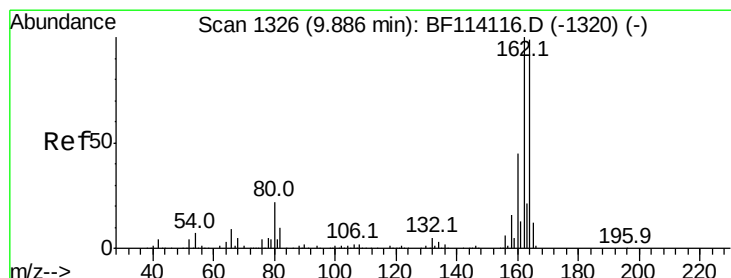
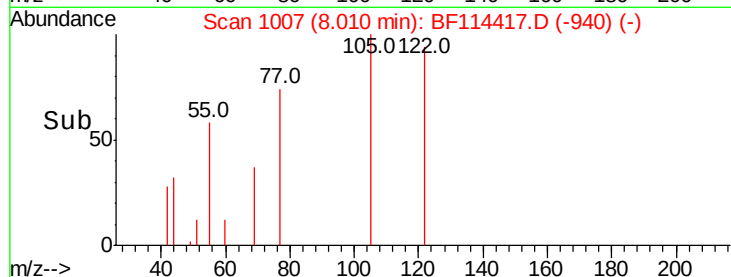
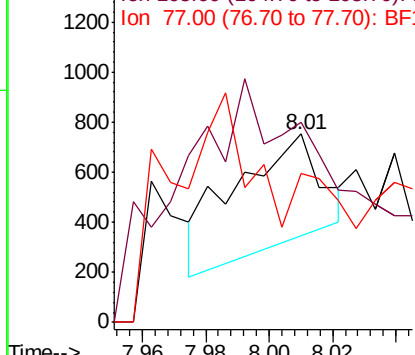
#32
Benzoic acid
Concen: 7.099 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.09 min
Lab File: BF114417.D
Acq: 19 May 2019 4:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 840
Ion Ratio Lower Upper
122 100
105 106.5 99.9 139.9
77 79.3 69.4 109.4

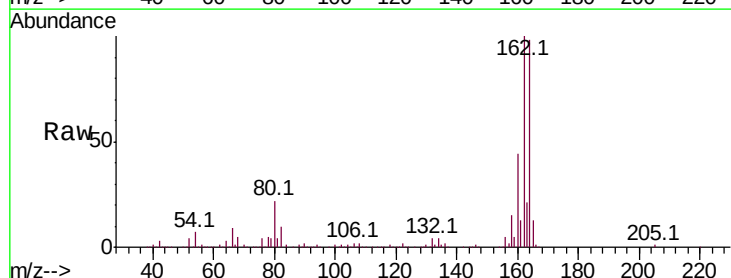


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

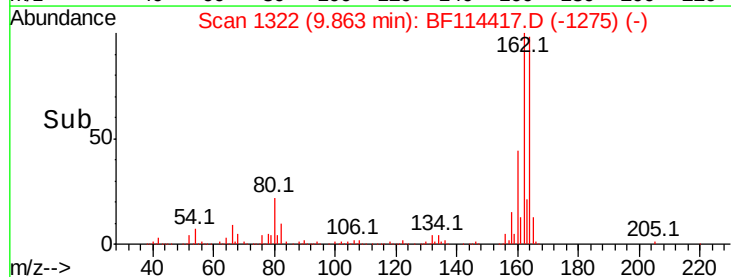
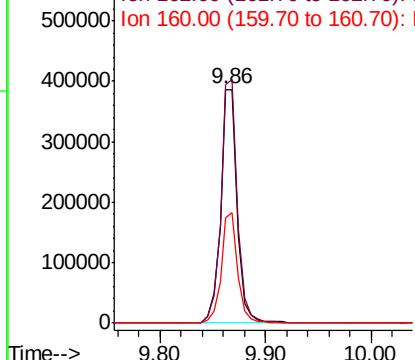


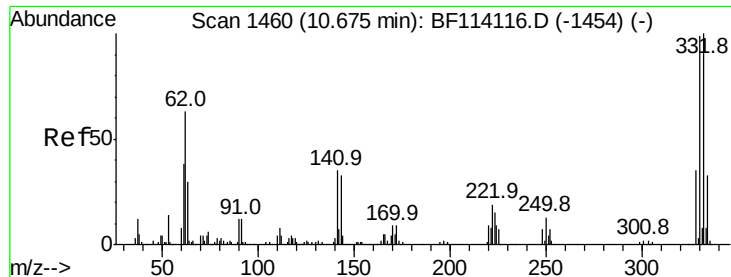
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF114417.D
Acq: 19 May 2019 4:04

Tgt Ion:164 Resp: 425068
Ion Ratio Lower Upper
164 100
162 101.7 80.6 120.8
160 44.9 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: 203.282 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF114417.D

Acq: 19 May 2019 4:04

Instrument :

BNA_F

ClientSampled :

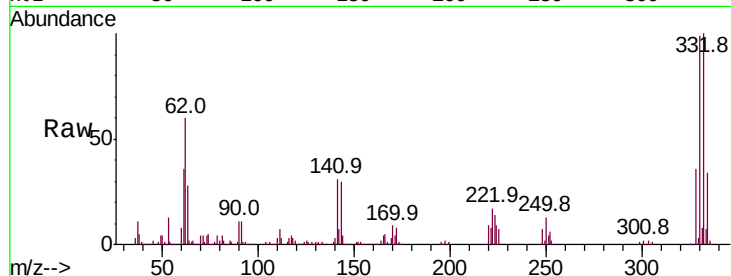
Tot Ion:330 Resp: 893320

Ion Ratio Lower Upper

330 100

332 102.6 81.4 122.2

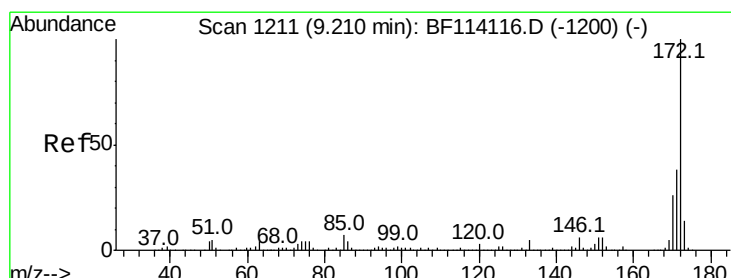
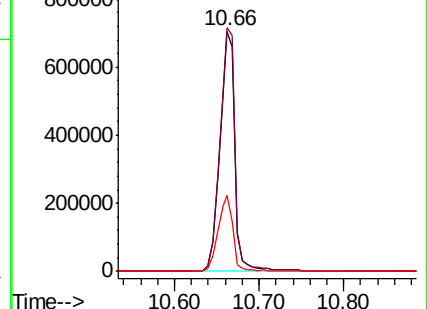
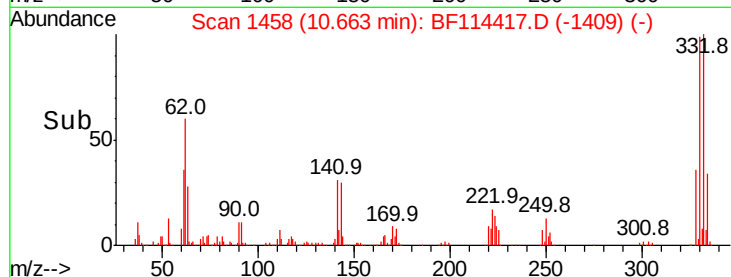
141 32.0 26.6 40.0



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: 142.411 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.02 min

Lab File: BF114417.D

Acq: 19 May 2019 4:04

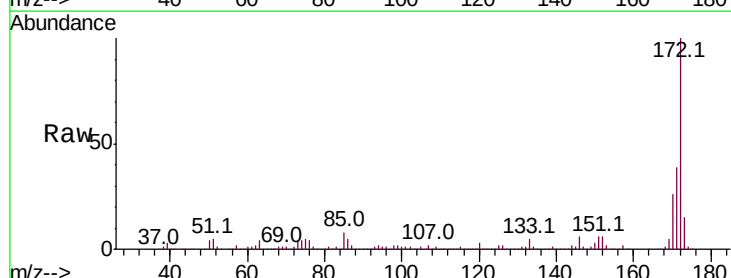
Tgt Ion:172 Resp: 4001827

Ion Ratio Lower Upper

172 100

171 39.1 30.7 46.1

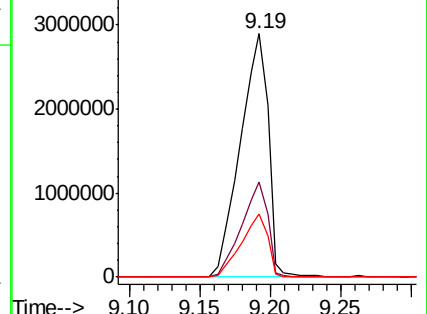
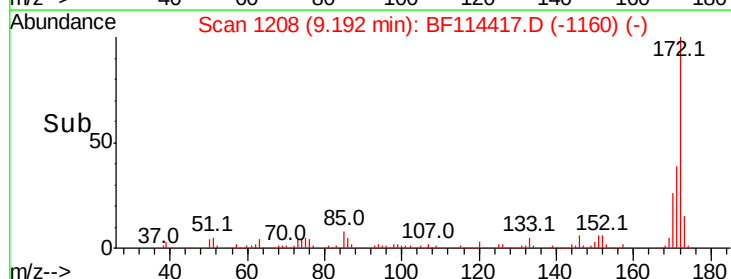
170 26.1 20.5 30.7

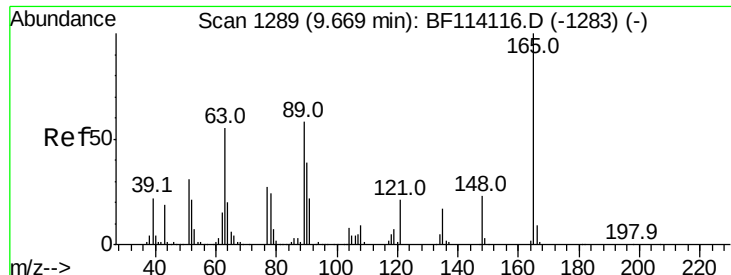


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.855 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.19 min

Lab File: BF114417.D

Acq: 19 May 2019 4:04

Instrument :

BNA_F

ClientSampleId :

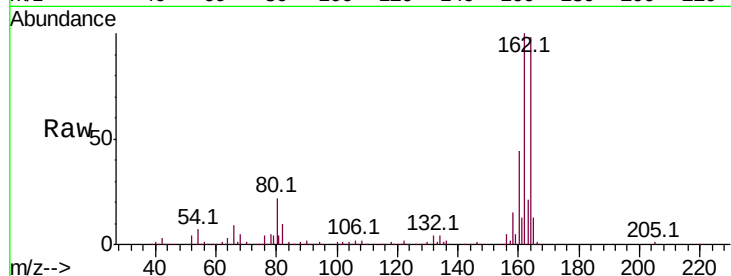
Tot Ion:165 Resp: 54364

Ion Ratio Lower Upper

165 100

63 1.0 50.2 75.4#

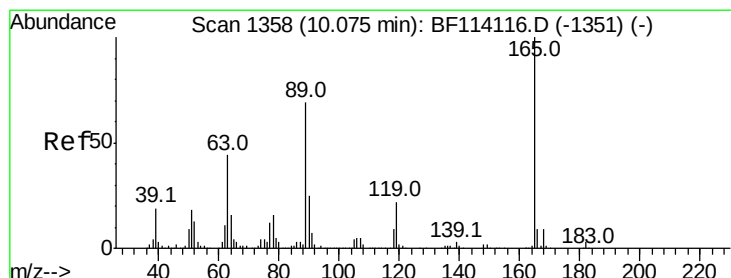
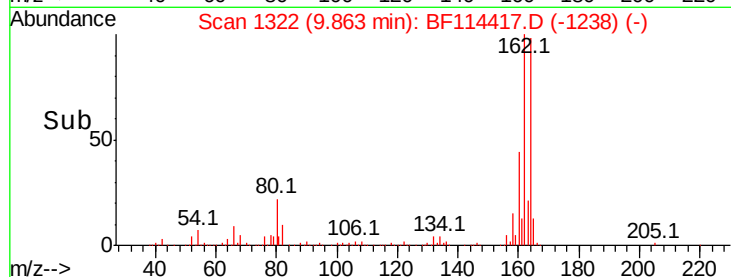
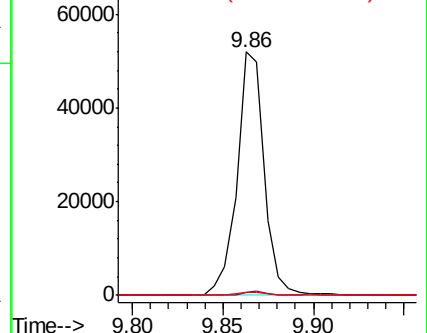
89 1.3 46.6 69.8#



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: 5.787 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.21 min

Lab File: BF114417.D

Acq: 19 May 2019 4:04

Tgt Ion:165 Resp: 54365

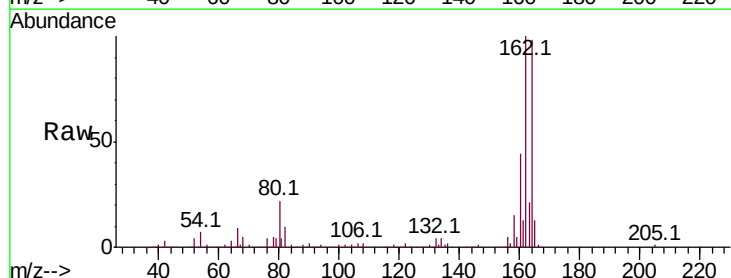
Ion Ratio Lower Upper

165 100

63 1.0 35.5 53.3#

89 1.3 55.2 82.8#

182 0.0 2.2 3.2#

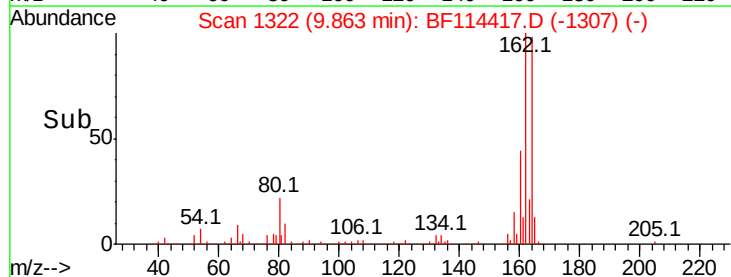
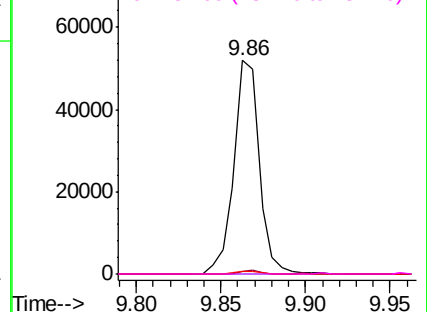


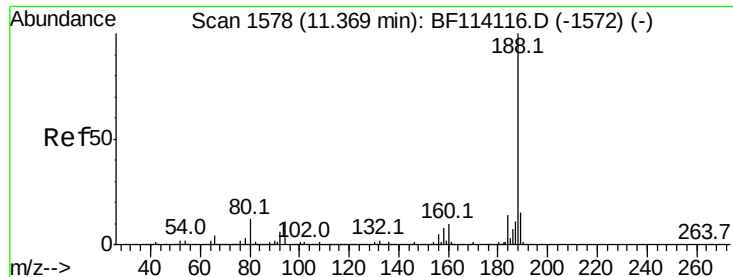
Abundance Ion 165.00 (164.70 to 165.70): E

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

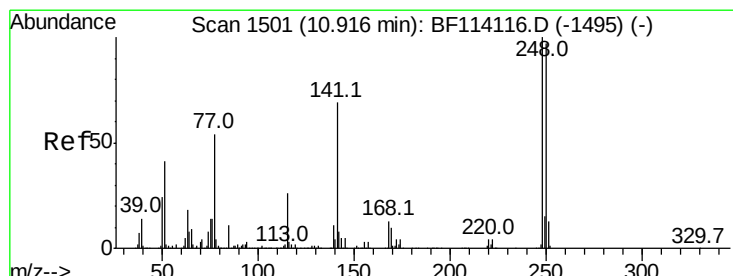
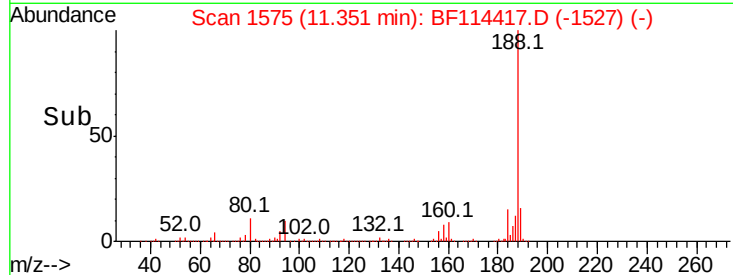
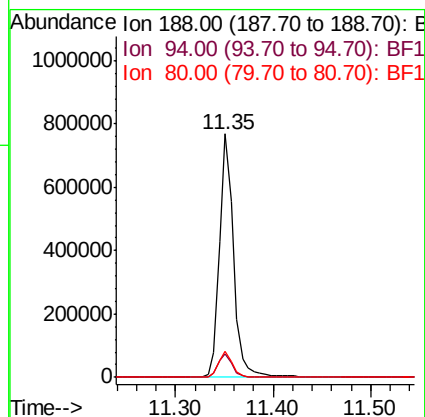
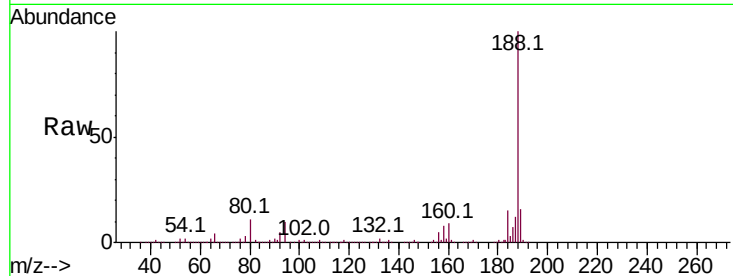




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF114417.D
Acq: 19 May 2019 4:04

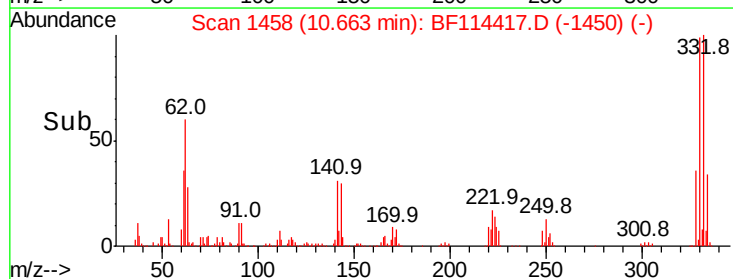
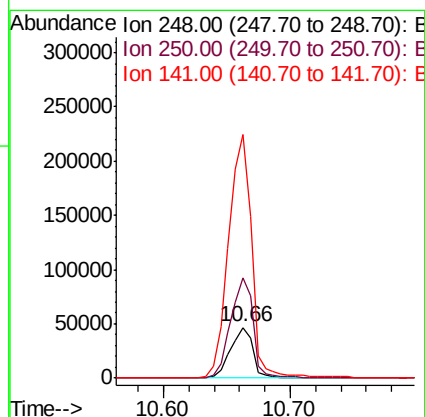
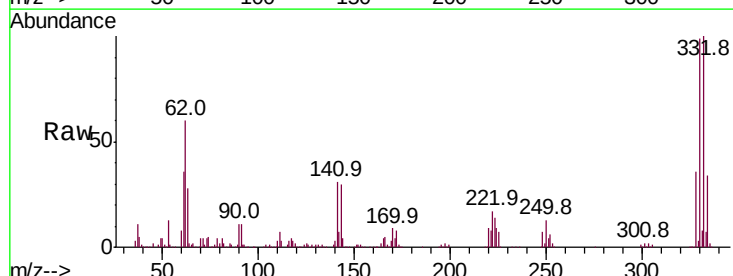
Instrument :
BNA_F
ClientSampled :

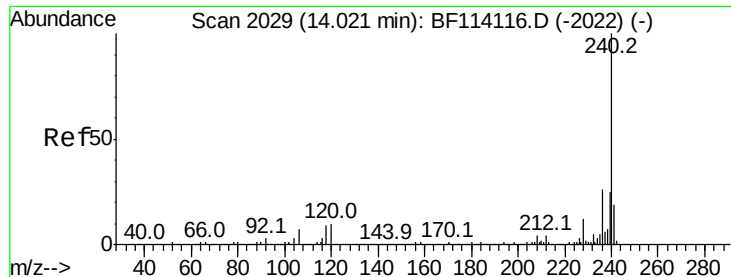
Tot Ion:188 Resp: 771251
Ion Ratio Lower Upper
188 100
94 9.8 8.4 12.6
80 10.6 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 6.791 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF114417.D
Acq: 19 May 2019 4:04

Tgt Ion:248 Resp: 57666
Ion Ratio Lower Upper
248 100
250 197.8 77.4 116.2#
141 478.6 55.6 83.4#

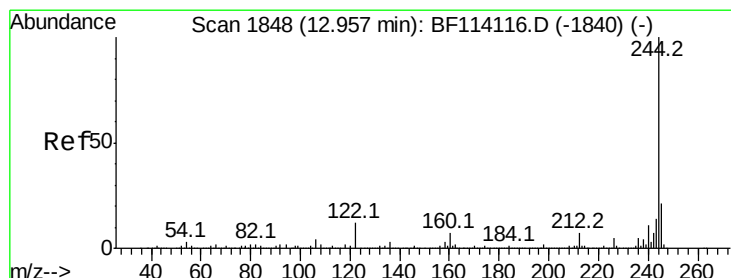
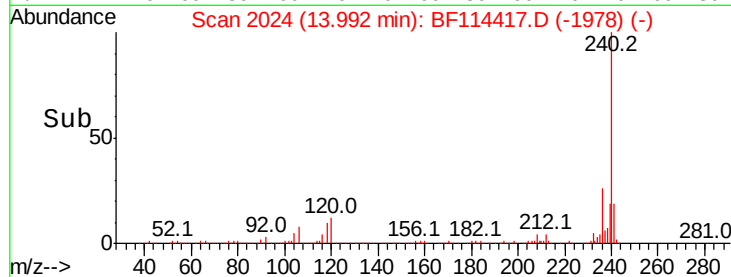
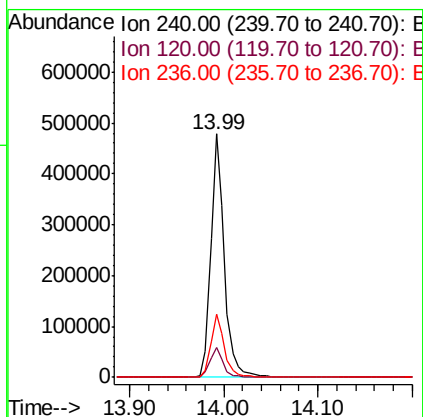
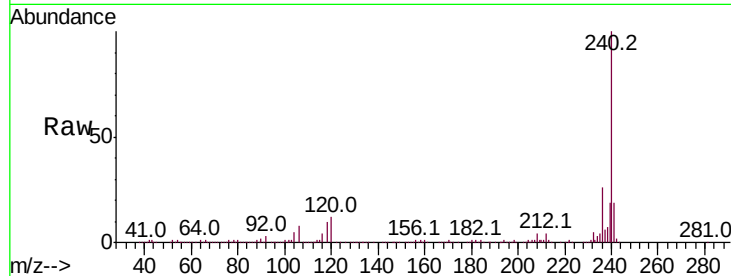




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.03 min
 Lab File: BF114417.D
 Acq: 19 May 2019 4:04

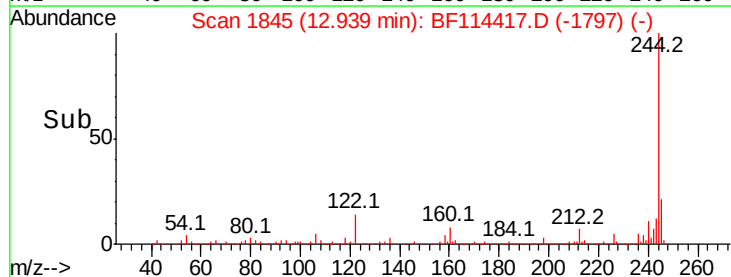
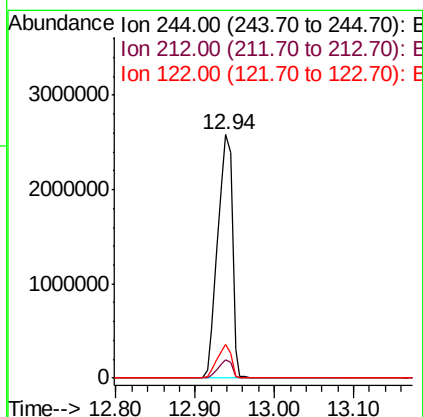
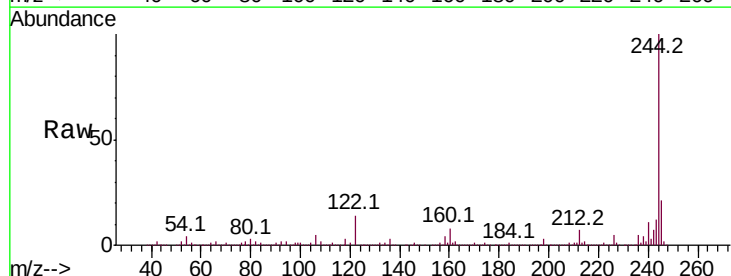
Instrument :
 BNA_F
 ClientSampleId :

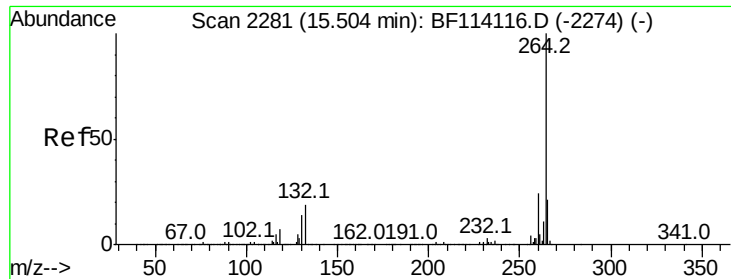
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.3	12.5
236	26.0	20.8	31.2



#79
 Terphenyl-d14
 Concen: 140.703 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.02 min
 Lab File: BF114417.D
 Acq: 19 May 2019 4:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	13.6	9.4	14.2

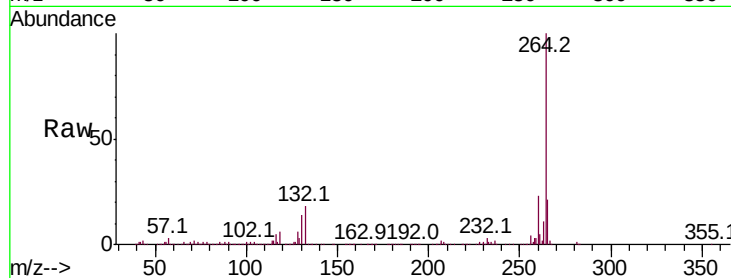




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.05 min
Lab File: BF114417.D
Acq: 19 May 2019 4:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.0
265	21.0	16.9	25.3



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

