

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114421.D
 Acq On : 19 May 2019 5:50
 Operator : JU/SJ
 Sample : PB119833TB
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:16:06 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

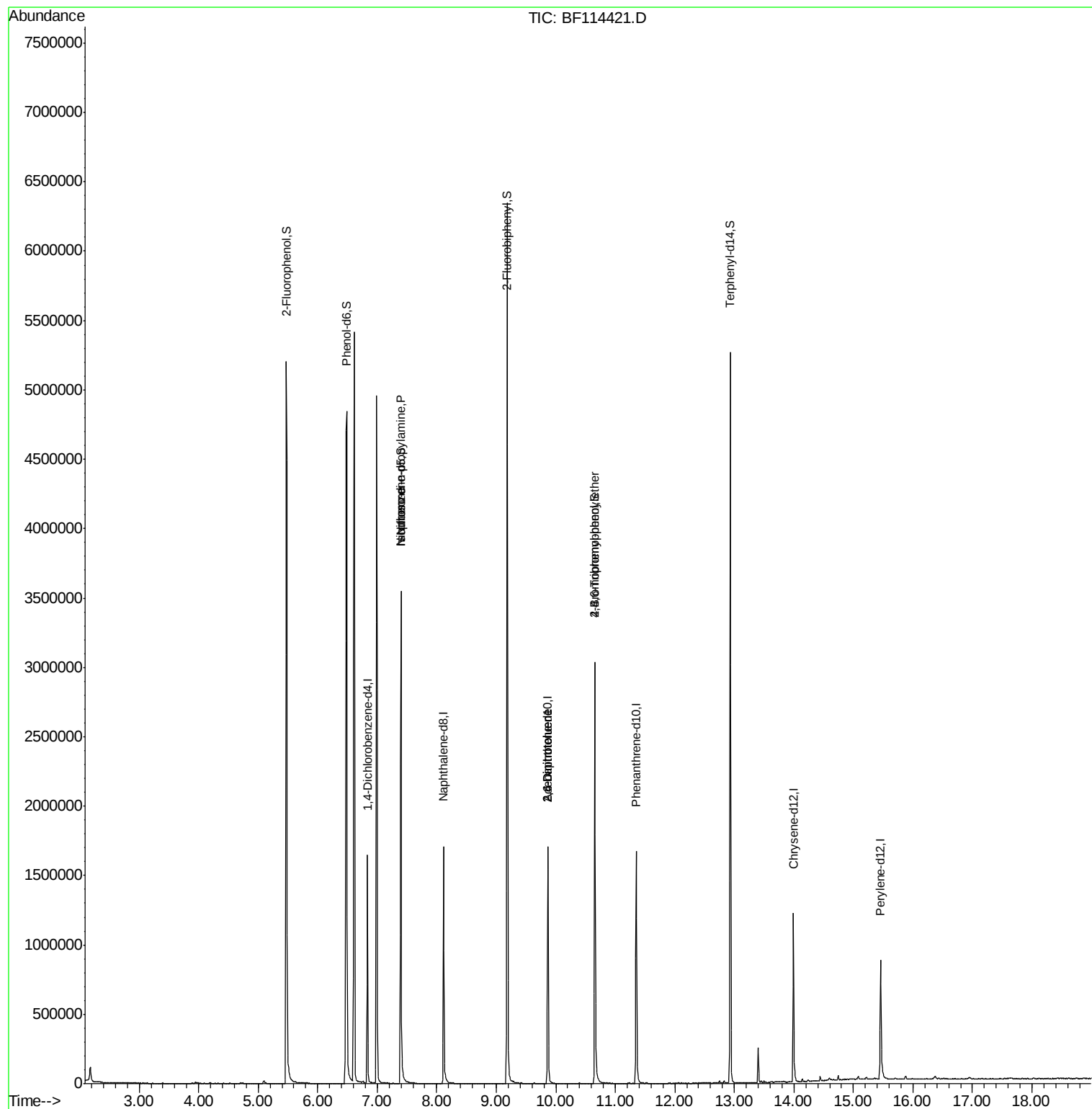
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	235784	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	873766	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	394842	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	717500	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	444717	20.00	ng	-0.03
87) Perylene-d12	15.46	264	472573	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1555931	106.19	ng	0.00
7) Phenol-d6	6.49	99	2023515	116.77	ng	0.00
23) Nitrobenzene-d5	7.40	82	1269014	81.51	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	400040	98.00	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	2187715	83.81	ng	-0.02
79) Terphenyl-d14	12.93	244	1843282	85.44	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	166384	15.148	ng	# 77
25) Isophorone	7.40	82	1269005	43.948	ng	# 64
51) 2,6-Dinitrotoluene	9.87	165	50204	7.809	ng	# 22
57) 2,4-Dinitrotoluene	9.87	165	50204	5.753	ng	# 26
67) 4-Bromophenyl-phenylether	10.66	248	26189	3.315	ng	# 1

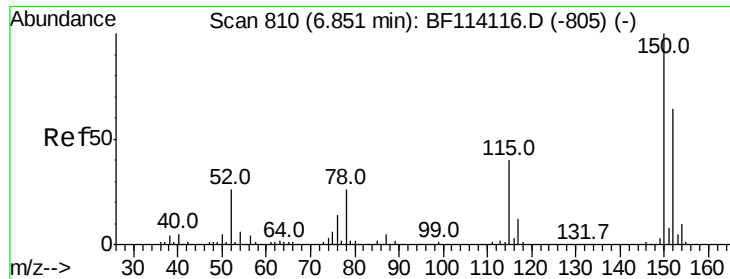
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
Data File : BF114421.D
Acq On : 19 May 2019 5:50
Operator : JU/SJ
Sample : PB119833TB
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 20 04:16:06 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



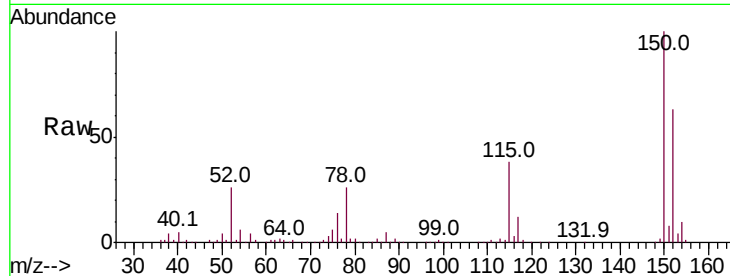


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114421.D
Acq: 19 May 2019 5:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.3	186.5
115	60.1	49.1	73.7

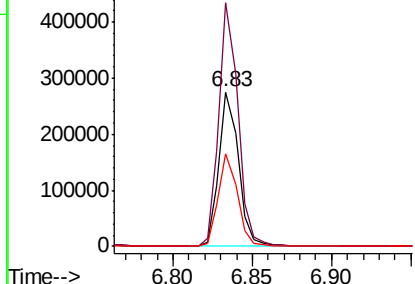
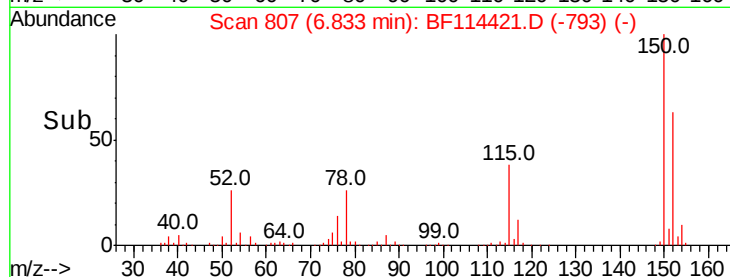


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

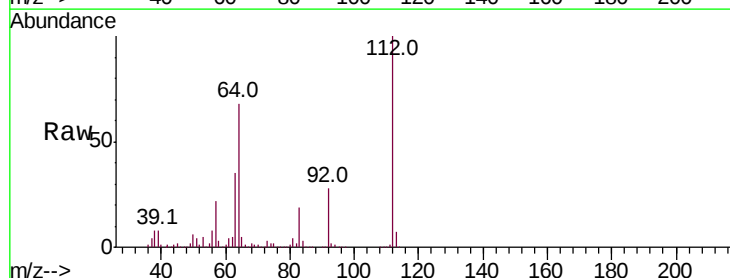
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 106.195 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114421.D
Acq: 19 May 2019 5:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	49.0	73.6
63	34.6	24.6	37.0

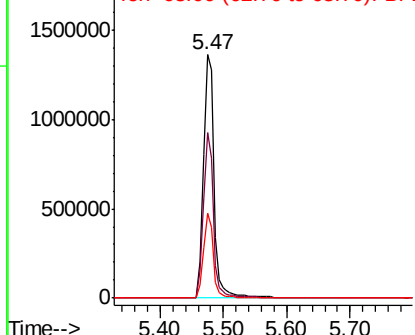
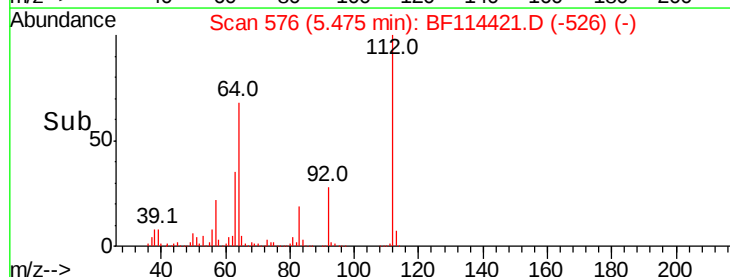


Abundance

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: 116.770 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114421.D

Acq: 19 May 2019 5:50

Instrument :

BNA_F

ClientSampleId :

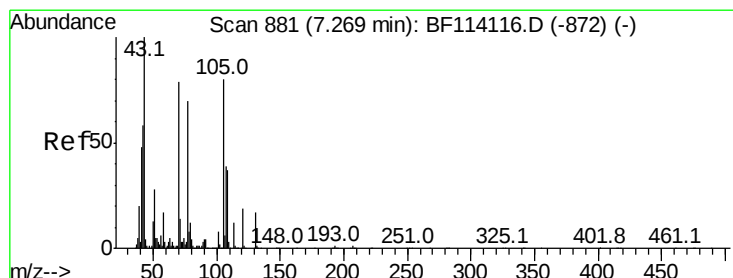
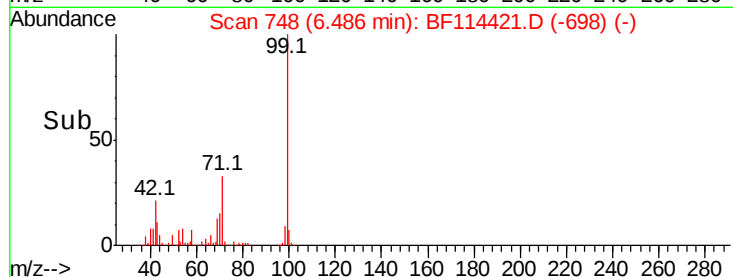
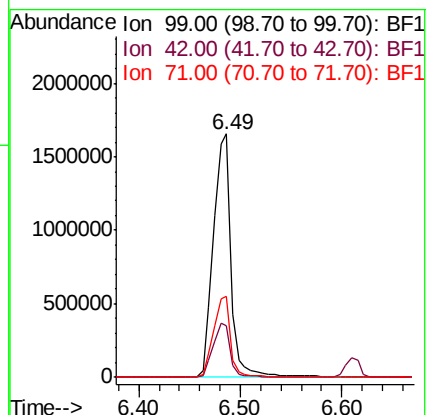
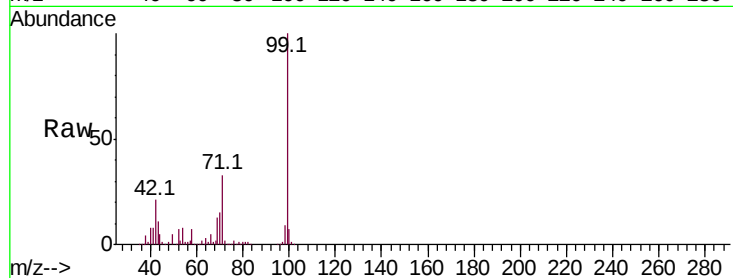
Tot Ion: 99 Resp: 2023515

Ion Ratio Lower Upper

99 100

42 21.4 17.9 26.9

71 33.2 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.148 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF114421.D

Acq: 19 May 2019 5:50

Tgt Ion: 70 Resp: 166384

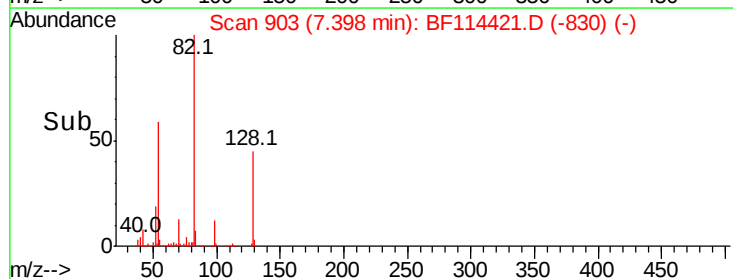
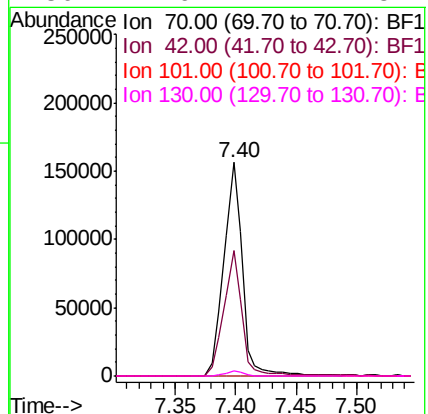
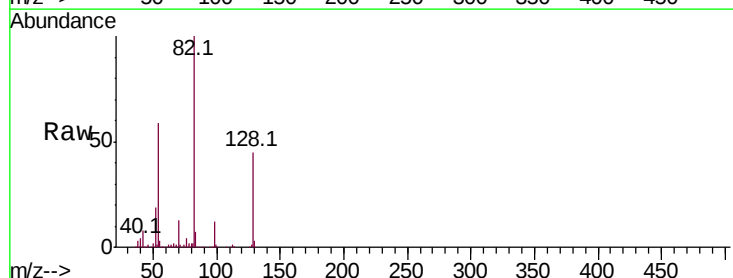
Ion Ratio Lower Upper

70 100

42 58.5 58.6 87.8#

101 0.0 7.8 11.8#

130 2.6 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: BF114421.D

Acq: 19 May 2019 5:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 873766

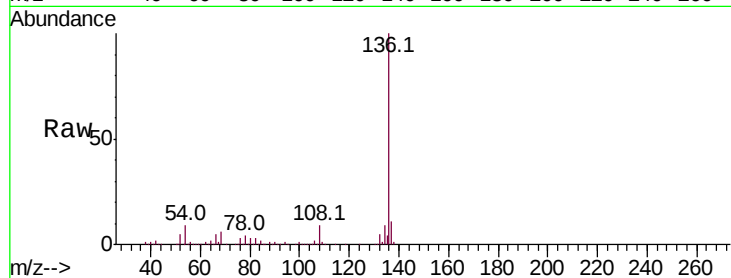
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 9.2 7.8 11.8

68 6.2 5.1 7.7

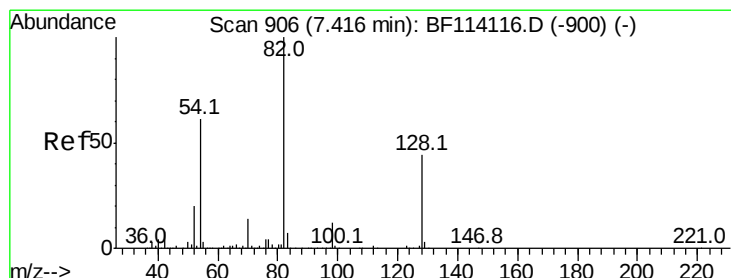
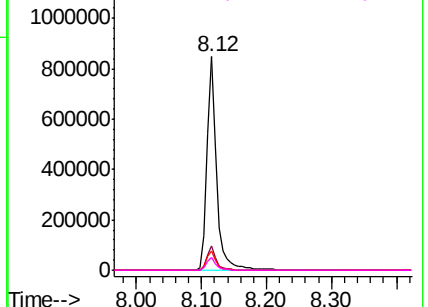
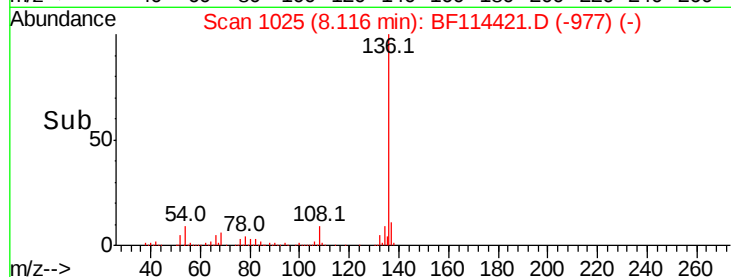


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.506 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF114421.D

Acq: 19 May 2019 5:50

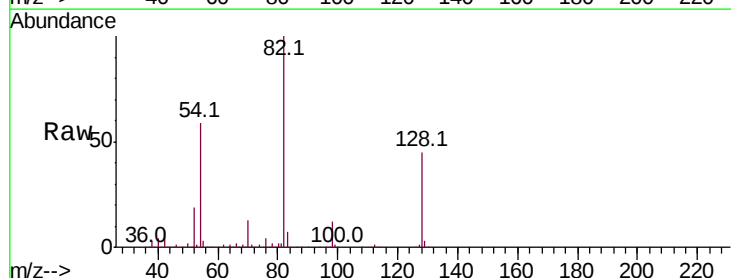
Tgt Ion: 82 Resp: 1269014

Ion Ratio Lower Upper

82 100

128 45.1 35.5 53.3

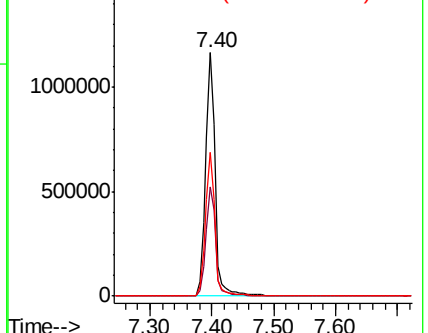
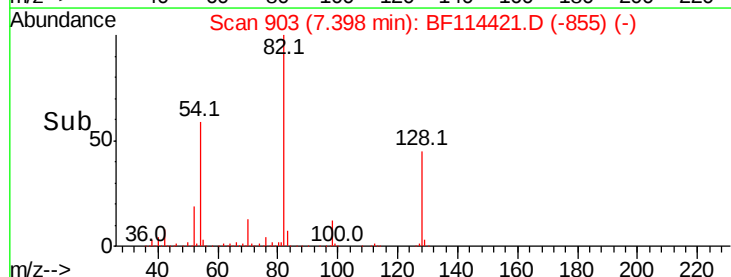
54 59.0 48.5 72.7



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: 43.948 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF114421.D

Acq: 19 May 2019 5:50

Instrument :

BNA_F

ClientSampleId :

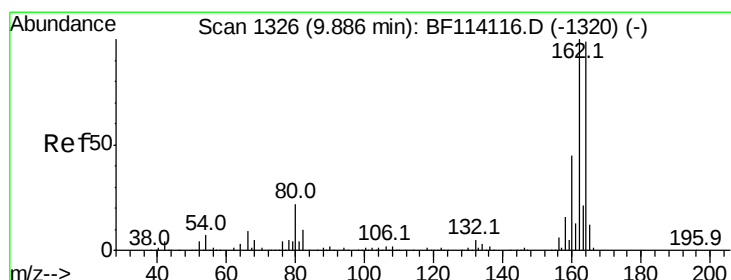
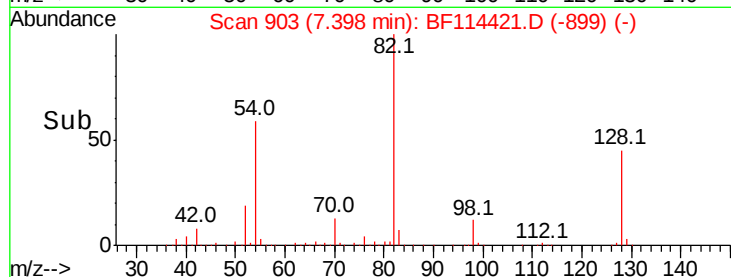
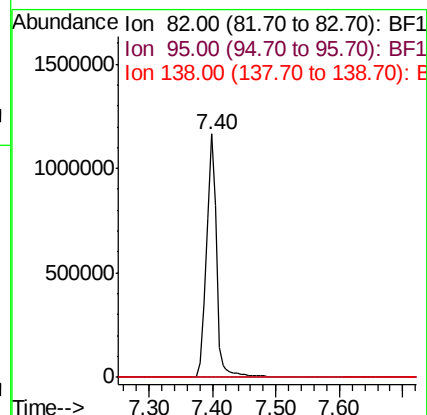
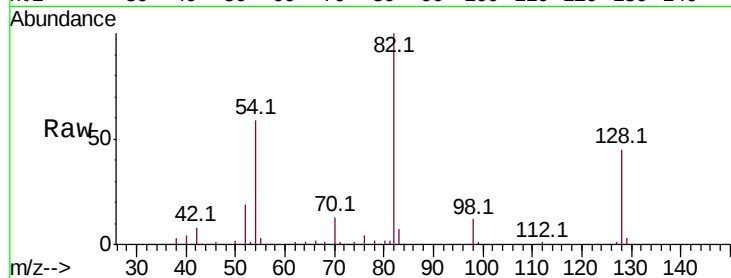
Tot Ion: 82 Resp: 1269005

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF114421.D

Acq: 19 May 2019 5:50

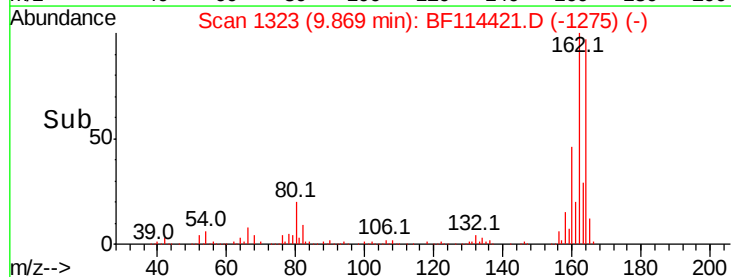
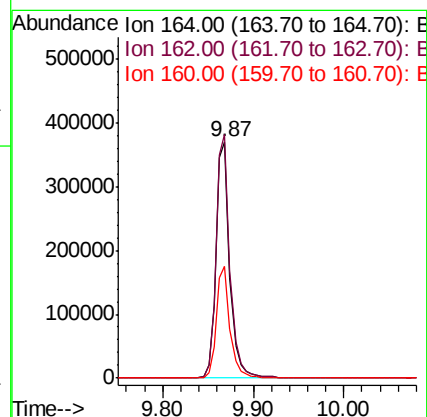
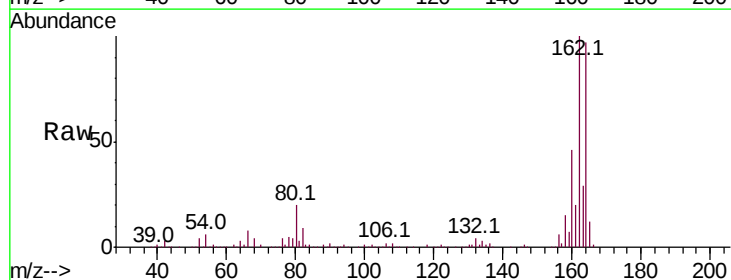
Tgt Ion: 164 Resp: 394842

Ion Ratio Lower Upper

164 100

162 103.0 80.6 120.8

160 47.2 36.5 54.7

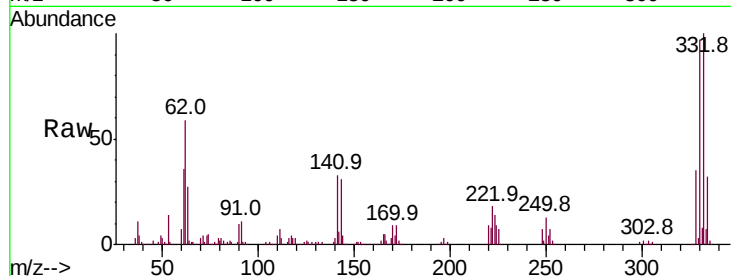




#42
 2,4,6-Tribromophenol
 Concen: 98.001 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF114421.D
 Acq: 19 May 2019 5:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.4	81.4	122.2
141	32.9	26.6	40.0

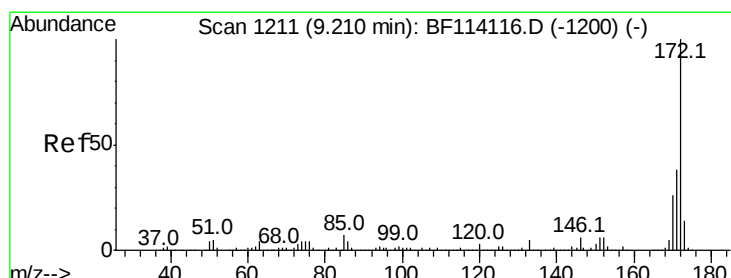
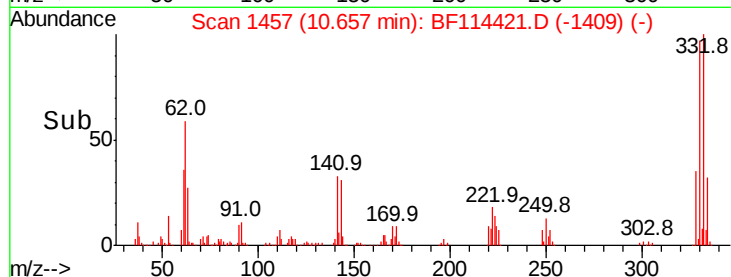
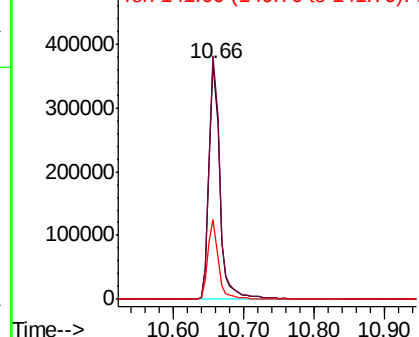


Abundance

Ion 329.80 (329.50 to 330.50): E

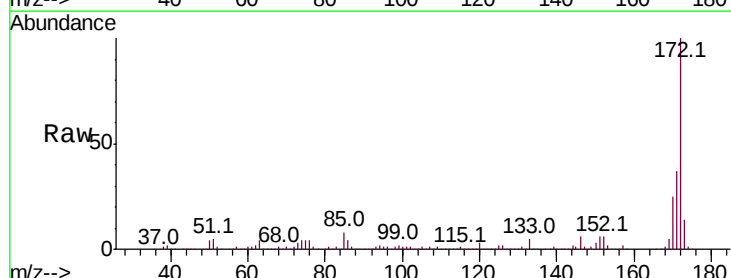
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.813 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF114421.D
 Acq: 19 May 2019 5:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.7	46.1
170	24.9	20.5	30.7

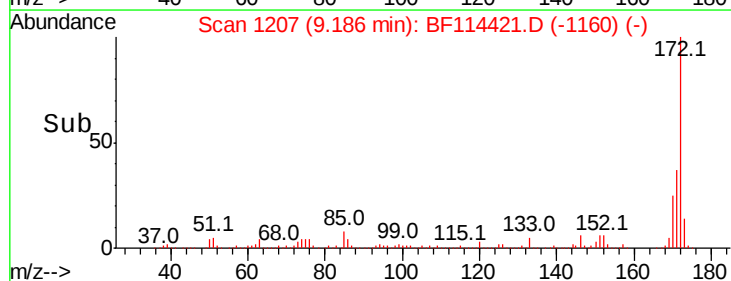
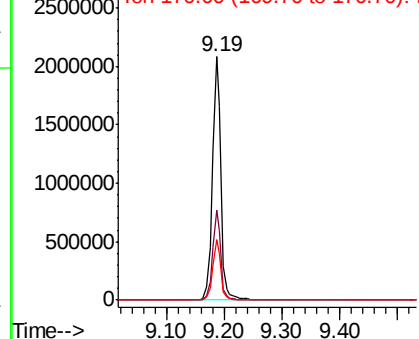


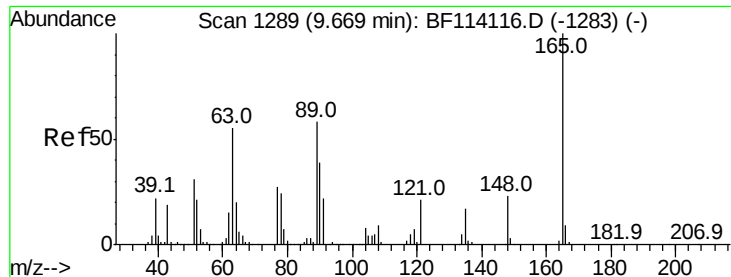
Abundance

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

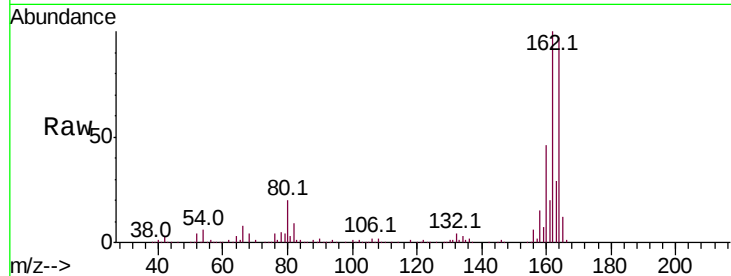




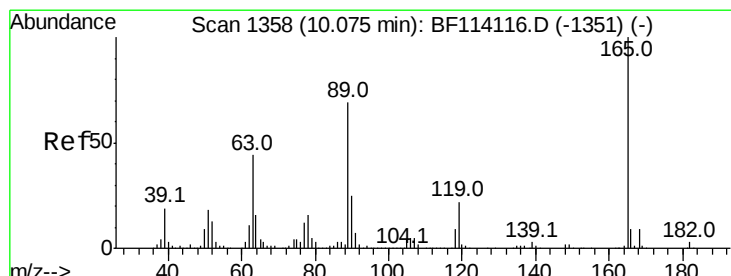
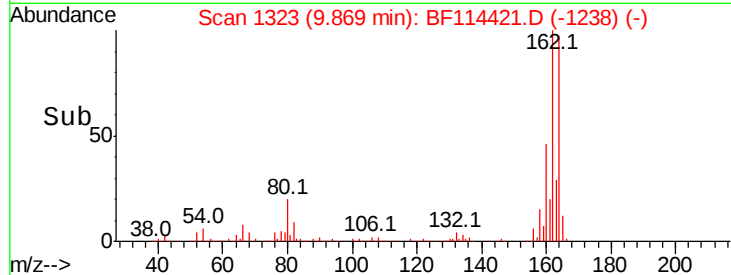
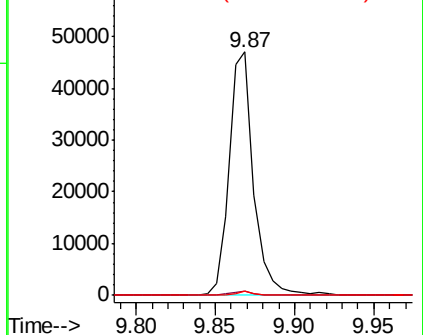
#51
 2,6-Dinitrotoluene
 Concen: 7.809 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.20 min
 Lab File: BF114421.D
 Acq: 19 May 2019 5:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	50.2	75.4#
89	1.8	46.6	69.8#



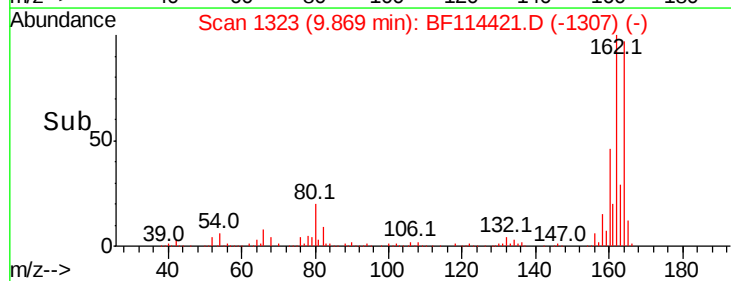
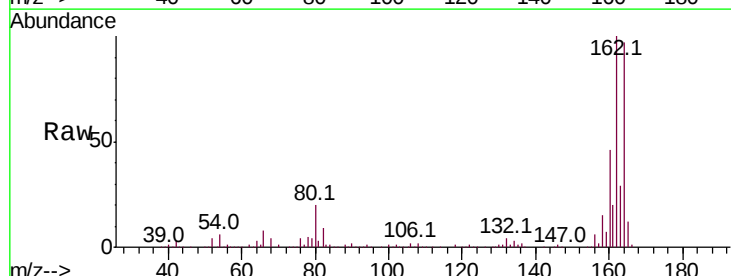
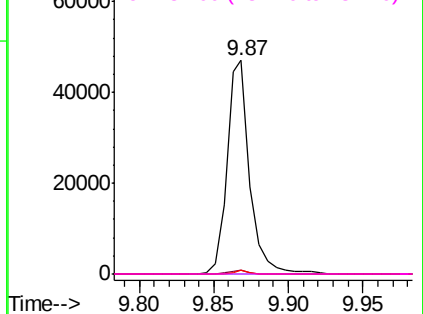
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

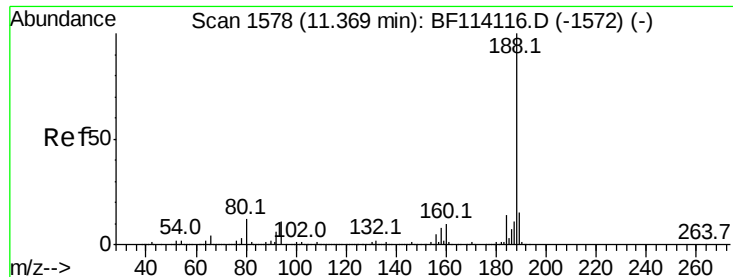


#57
 2,4-Dinitrotoluene
 Concen: 5.753 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF114421.D
 Acq: 19 May 2019 5:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	35.5	53.3#
89	1.8	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

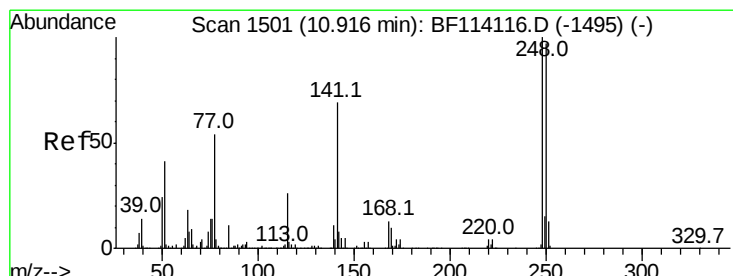
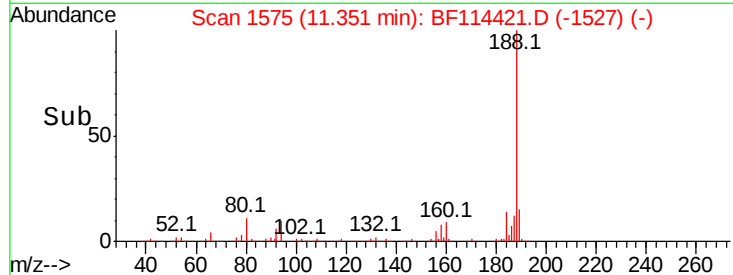
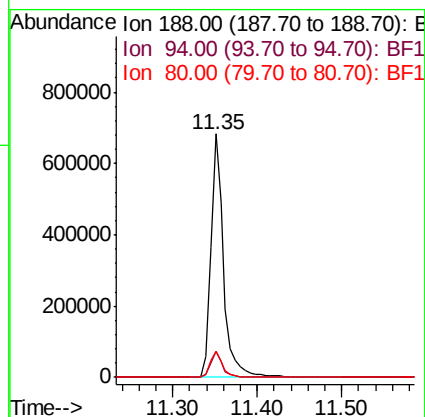
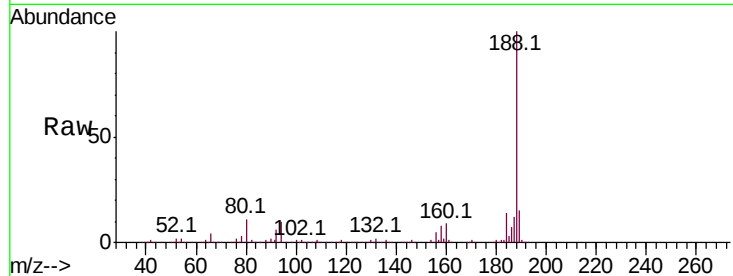




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF114421.D
 Acq: 19 May 2019 5:50

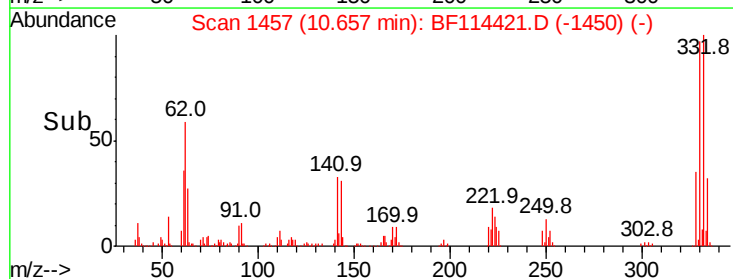
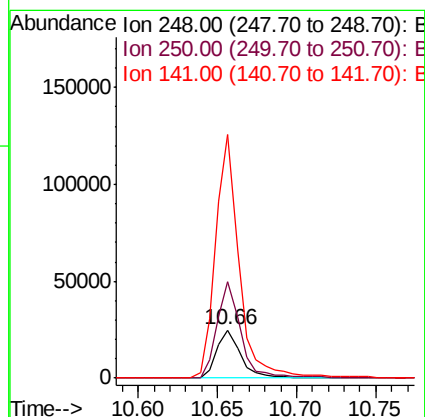
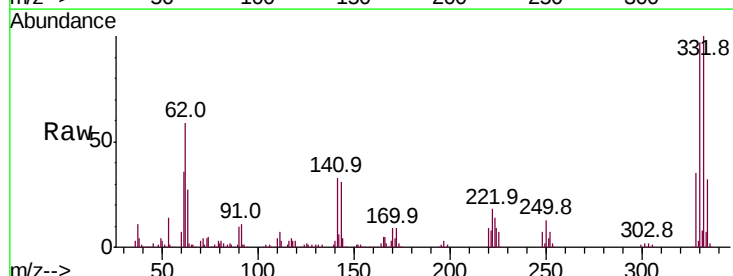
Instrument :
 BNA_F
 ClientSampleId :

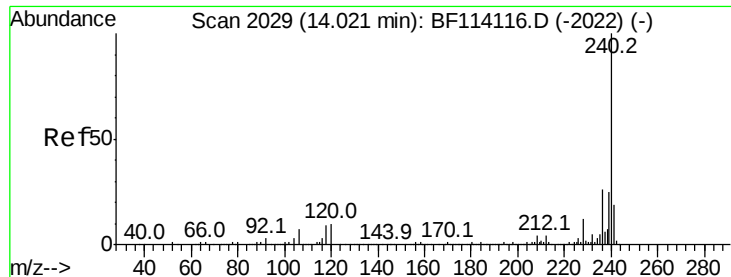
Tot Ion:188 Resp: 717500
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.4 12.6
 80 10.6 9.2 13.8



#67
 4-Bromophenyl-phenylether
 Concen: 3.315 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.26 min
 Lab File: BF114421.D
 Acq: 19 May 2019 5:50

Tgt Ion:248 Resp: 26189
 Ion Ratio Lower Upper
 248 100
 250 200.3 77.4 116.2#
 141 504.3 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: BF114421.D

Acq: 19 May 2019 5:50

Instrument :

BNA_F

ClientSampleId :

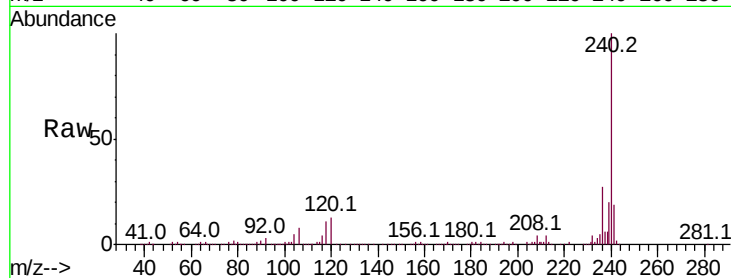
Tot Ion:240 Resp: 444717

Ion Ratio Lower Upper

240 100

120 12.8 8.3 12.5#

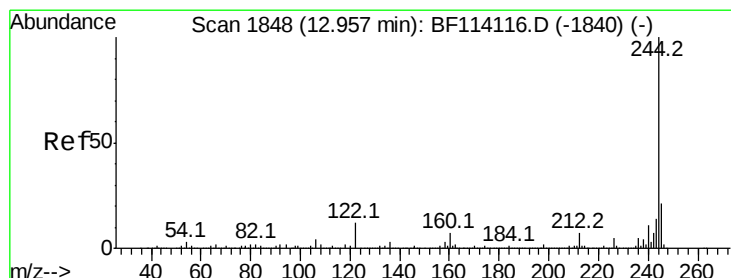
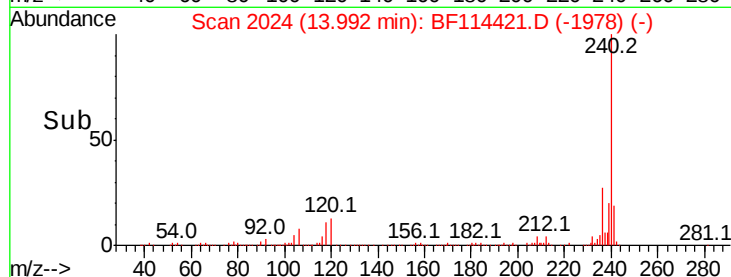
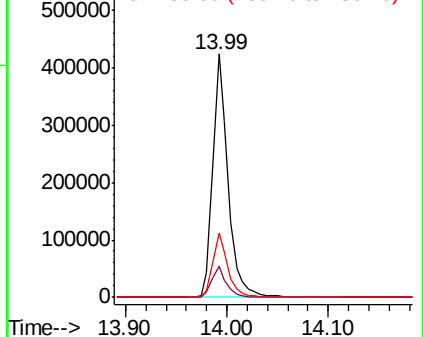
236 26.5 20.8 31.2



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: 85.443 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF114421.D

Acq: 19 May 2019 5:50

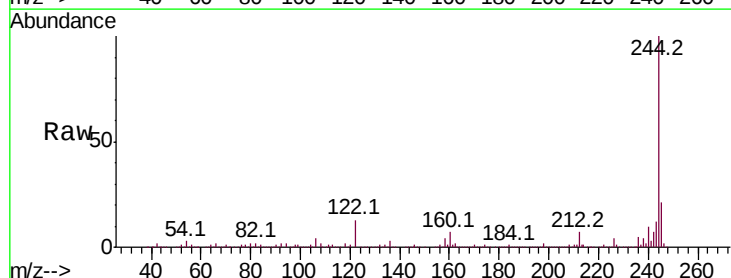
Tgt Ion:244 Resp: 1843282

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

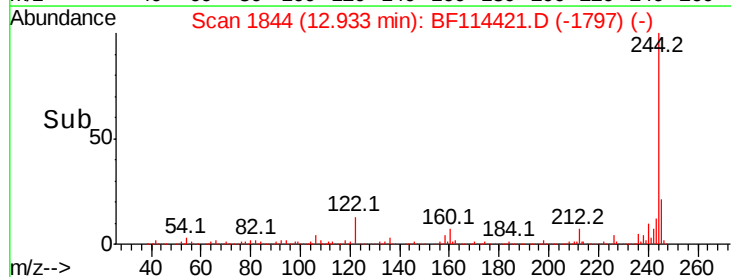
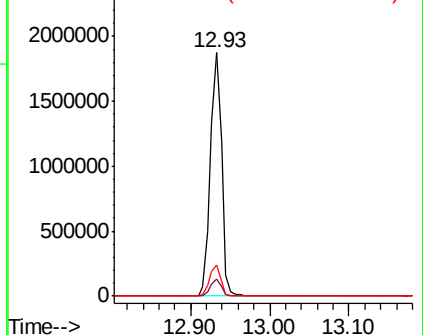
122 12.7 9.4 14.2

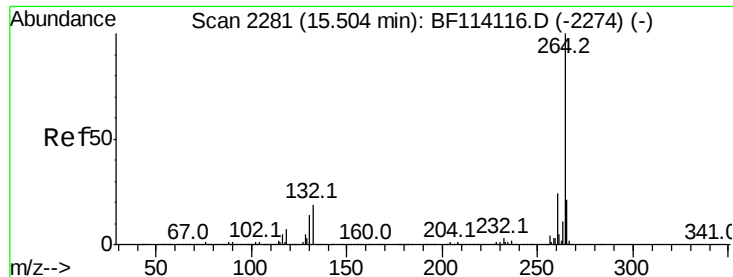


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.05 min
Lab File: BF114421.D
Acq: 19 May 2019 5:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.0
265	20.6	16.9	25.3

