

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114964.D
 Acq On : 12 Jun 2019 00:40
 Operator : HP/JU
 Sample : K3265-06 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-03-COMP

Quant Time: Jun 12 04:34:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 16:44:00 2019
 Response via : Initial Calibration

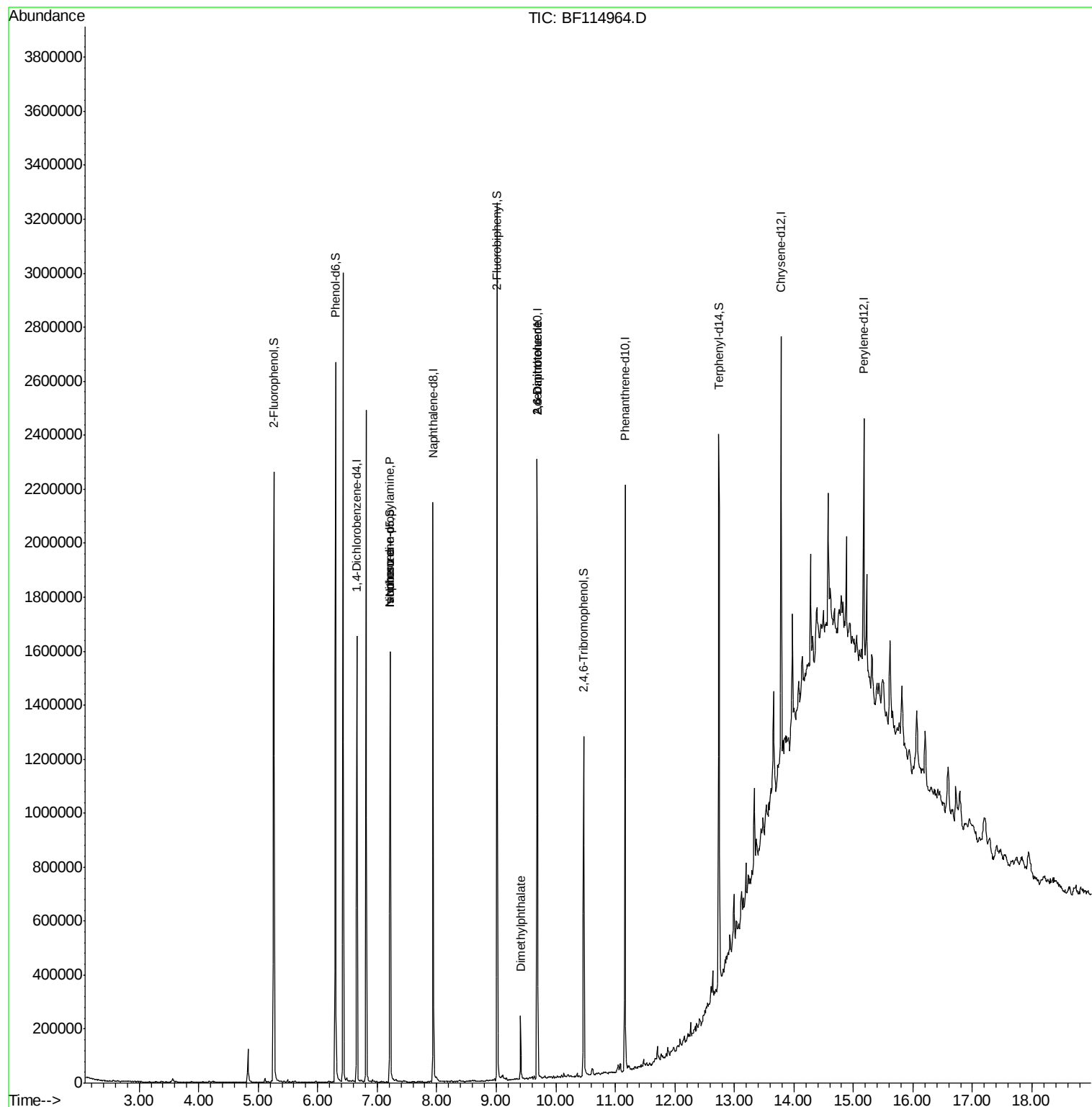
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	244656	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	940258	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	426853	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	730105	20.00	ng	0.00
76) Chrysene-d12	13.79	240	512793	20.00	ng	0.00
87) Perylene-d12	15.17	264	414338	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	662464	45.83	ng	0.00
7) Phenol-d6	6.30	99	924533	53.02	ng	-0.01
23) Nitrobenzene-d5	7.22	82	529437	34.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	149391	32.17	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	918178	34.14	ng	0.00
79) Terphenyl-d14	12.74	244	722430	28.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	67674	6.207	ng	# 77
25) Isophorone	7.22	82	520945	17.384	ng	# 62
50) Dimethylphthalate	9.41	163	101377	3.160	ng	97
51) 2,6-Dinitrotoluene	9.69	165	55591	7.544	ng	# 29
57) 2,4-Dinitrotoluene	9.69	165	55591	5.968	ng	# 26

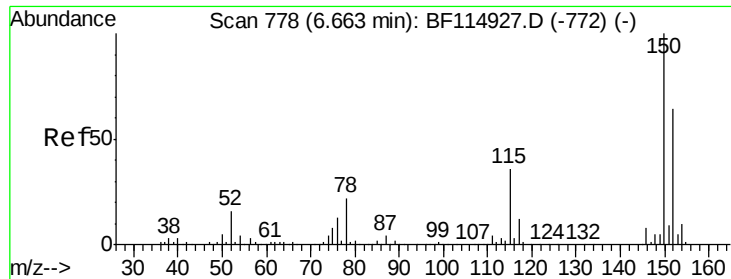
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
ClientSampleId :
B-03-COMP

Quant Time: Jun 12 04:34:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 16:44:00 2019
Response via : Initial Calibration



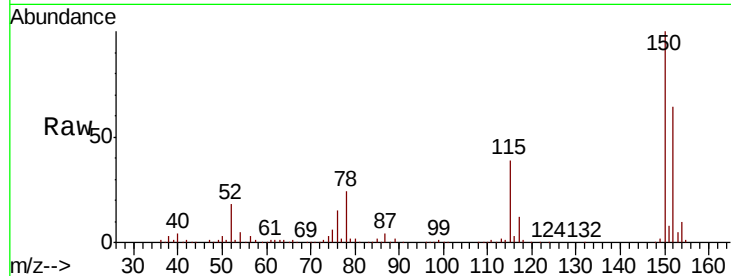


#1

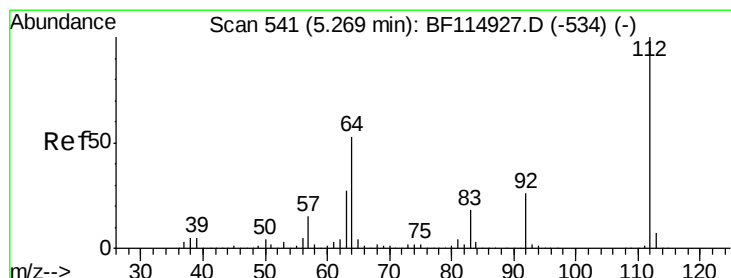
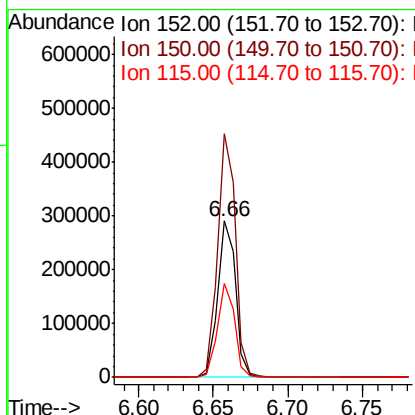
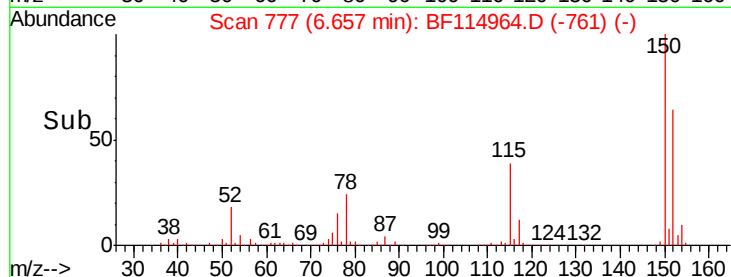
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114964.D
Acq: 12 Jun 2019 00:40

Instrument :
BNA_F
ClientSampleId :
B-03-COMP

Tot Ion:152 Resp: 244656
Ion Ratio Lower Upper
152 100
150 155.9 125.2 187.8
115 60.4 45.0 67.4



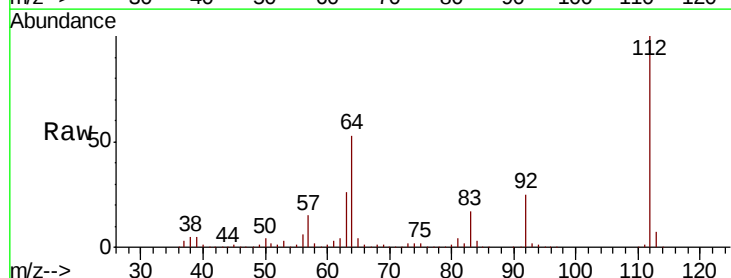
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



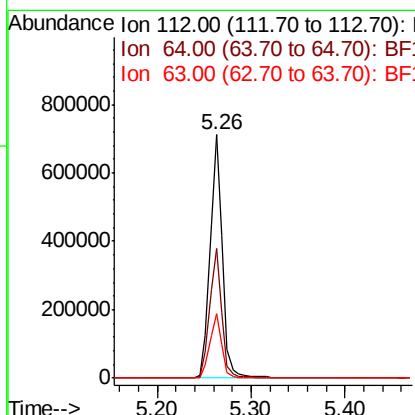
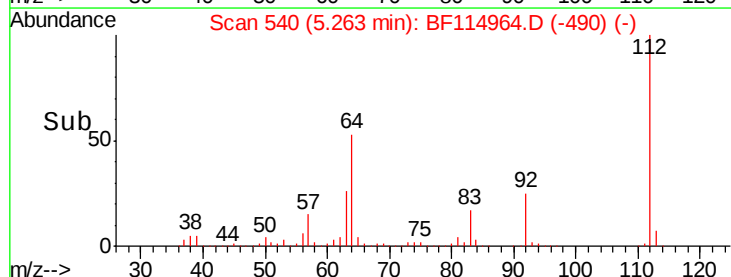
#5

2-Fluorophenol
Concen: 45.826 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF114964.D
Acq: 12 Jun 2019 00:40

Tgt Ion:112 Resp: 662464
Ion Ratio Lower Upper
112 100
64 53.4 42.1 63.1
63 26.3 21.8 32.8



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: 53.022 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF114964.D

Acq: 12 Jun 2019 00:40

Instrument :

BNA_F

ClientSampleId :

B-03-COMP

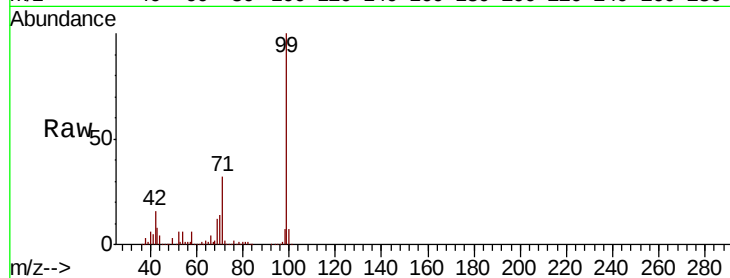
Tot Ion: 99 Resp: 924533

Ion Ratio Lower Upper

99 100

42 16.2 13.1 19.7

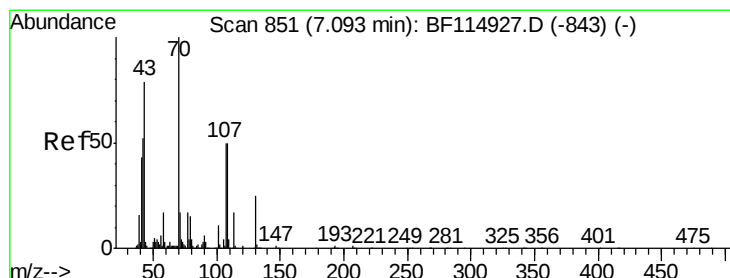
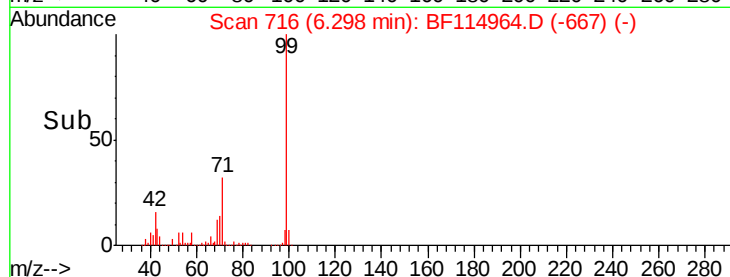
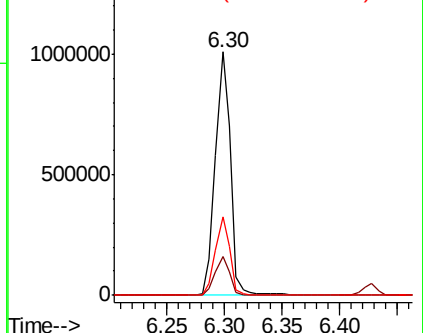
71 32.3 26.8 40.2



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: 6.207 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.12 min

Lab File: BF114964.D

Acq: 12 Jun 2019 00:40

Tgt Ion: 70 Resp: 67674

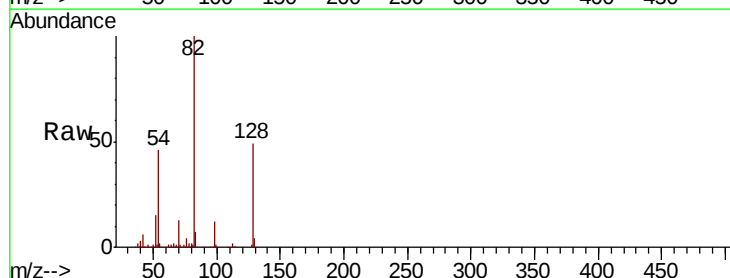
Ion Ratio Lower Upper

70 100

42 44.2 41.7 62.5

101 0.0 8.4 12.6#

130 2.4 19.9 29.9#

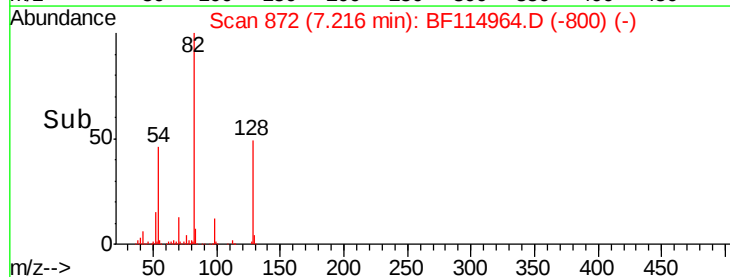
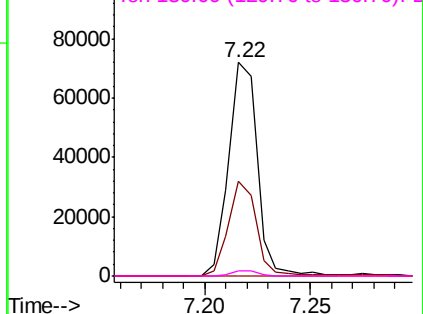


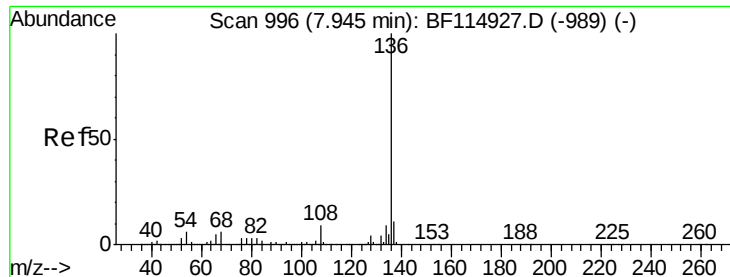
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF114964.D

Acq: 12 Jun 2019 00:40

Instrument :

BNA_F

ClientSampleId :

B-03-COMP

Tot Ion:136 Resp: 940258

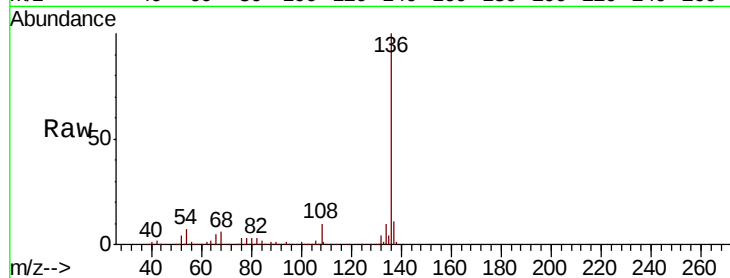
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 7.0 5.2 7.8

68 6.0 4.6 7.0

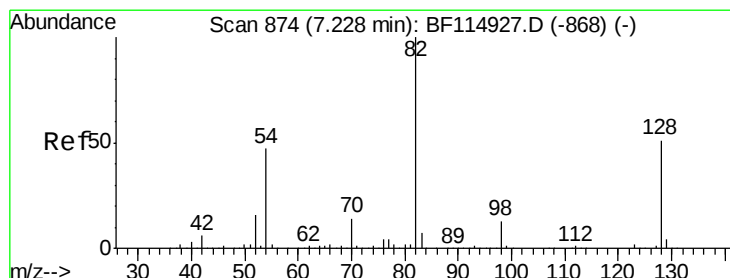
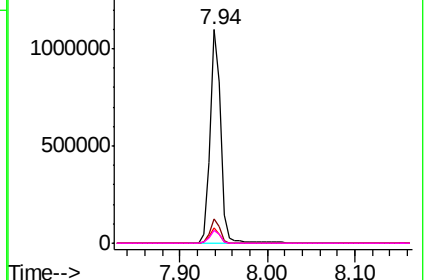
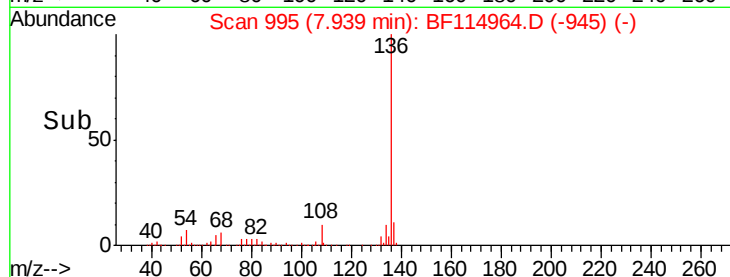


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.597 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF114964.D

Acq: 12 Jun 2019 00:40

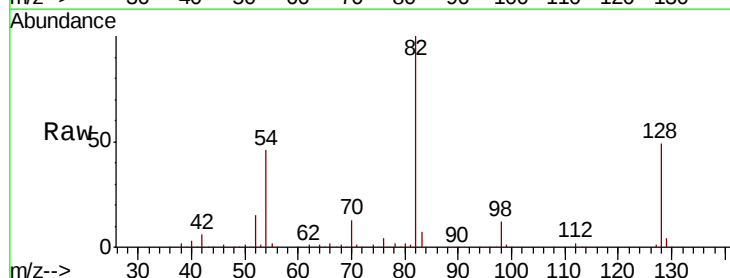
Tgt Ion: 82 Resp: 529437

Ion Ratio Lower Upper

82 100

128 49.1 40.9 61.3

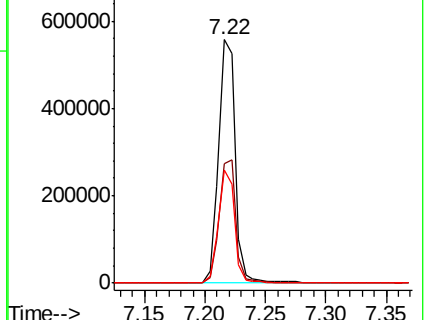
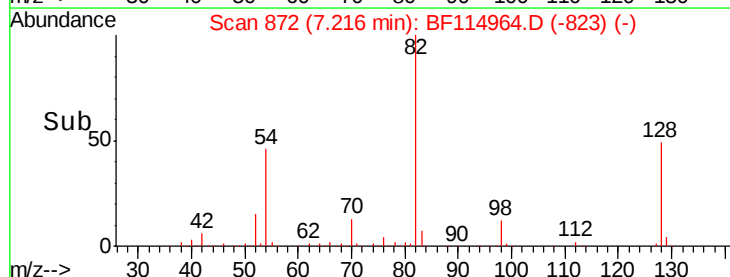
54 46.5 37.4 56.0

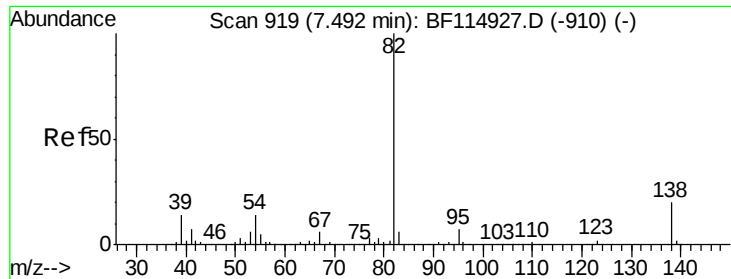


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 17.384 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.28 min

Lab File: BF114964.D

Acq: 12 Jun 2019 00:40

Instrument :

BNA_F

ClientSampleId :

B-03-COMP

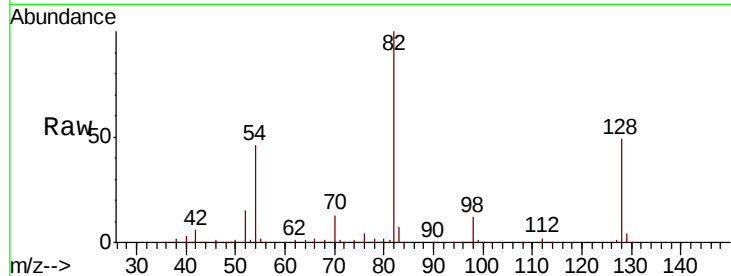
Tot Ion: 82 Resp: 520945

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

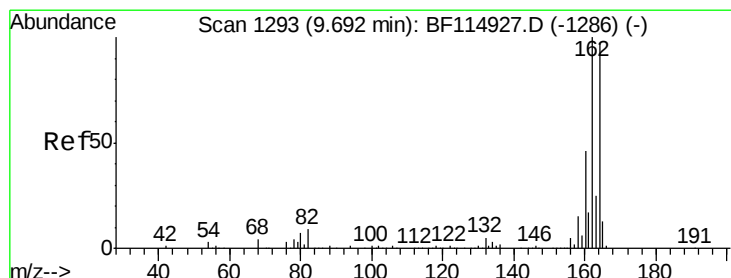
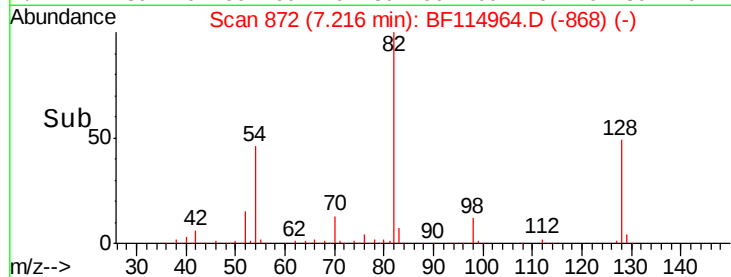
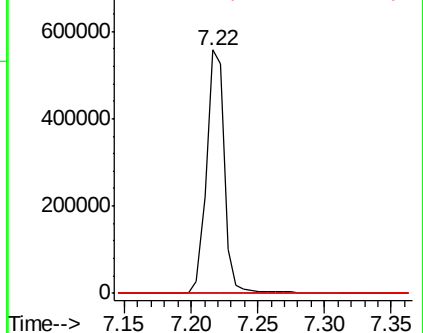
138 0.0 16.4 24.6#



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: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF114964.D

Acq: 12 Jun 2019 00:40

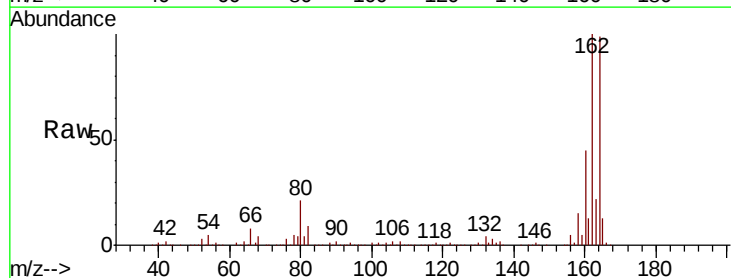
Tgt Ion:164 Resp: 426853

Ion Ratio Lower Upper

164 100

162 101.2 82.4 123.6

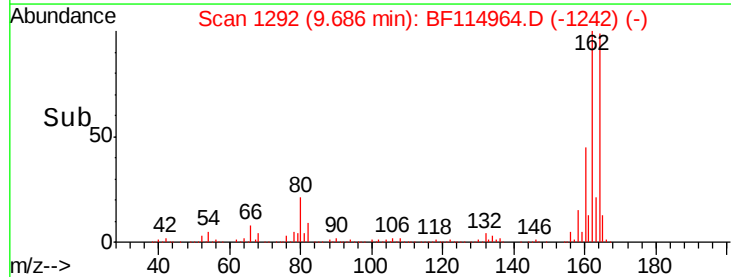
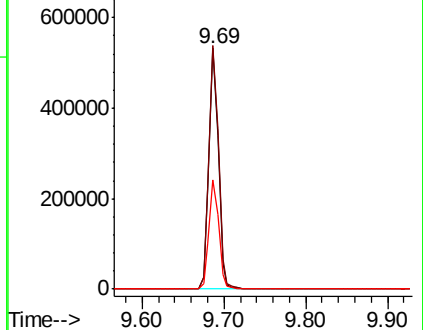
160 45.2 37.5 56.3

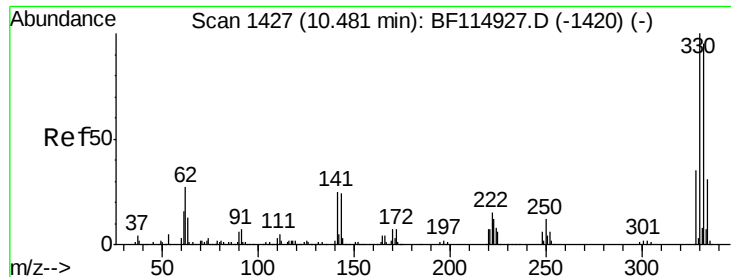


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 32.173 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF114964.D

Acq: 12 Jun 2019 00:40

Instrument :

BNA_F

ClientSampleId :

B-03-COMP

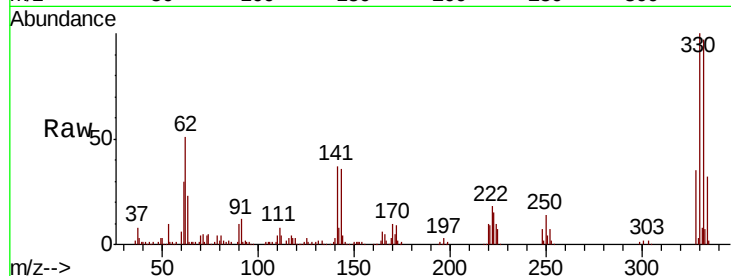
Tot Ion:330 Resp: 149391

Ion Ratio Lower Upper

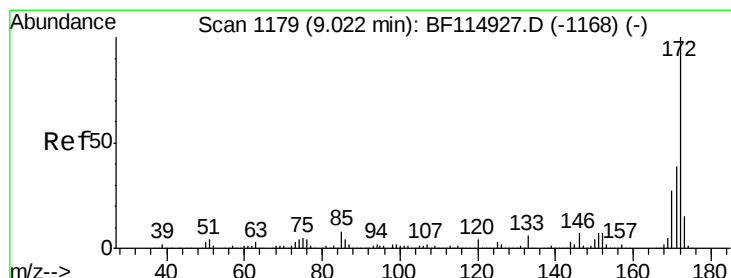
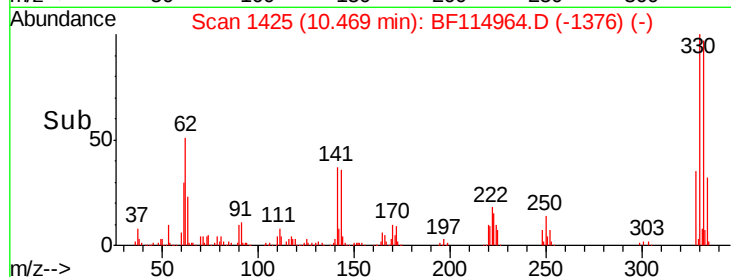
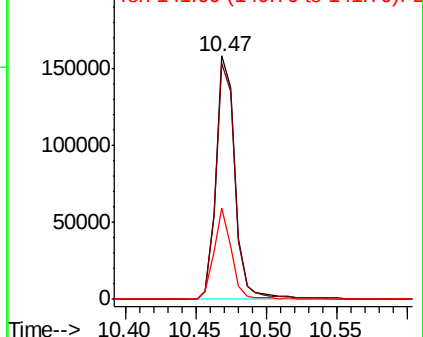
330 100

332 97.7 76.4 114.6

141 34.6 26.8 40.2



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: 34.138 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF114964.D

Acq: 12 Jun 2019 00:40

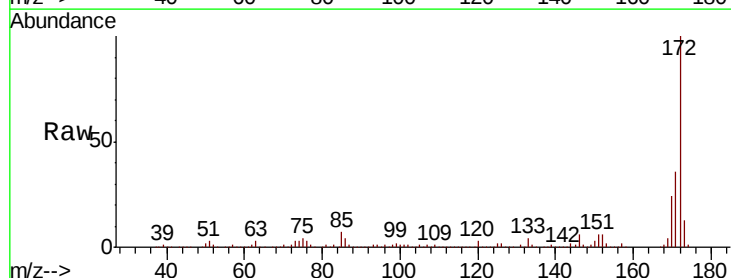
Tgt Ion:172 Resp: 918178

Ion Ratio Lower Upper

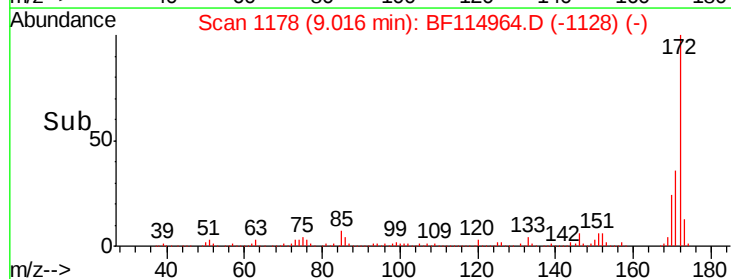
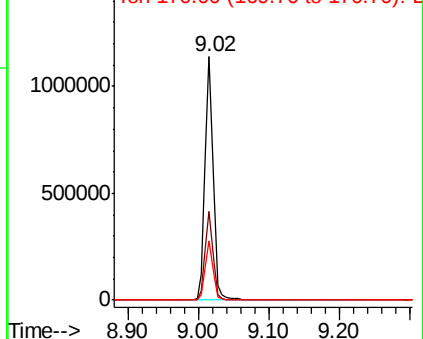
172 100

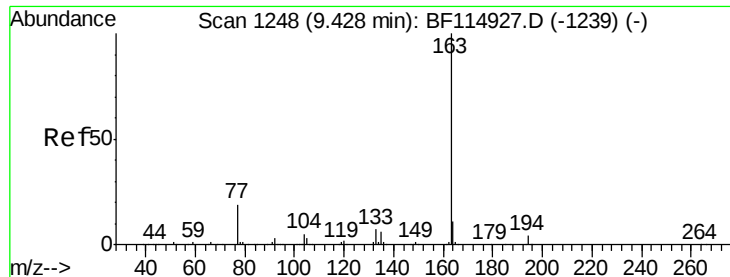
171 36.3 31.3 46.9

170 24.1 21.4 32.0



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

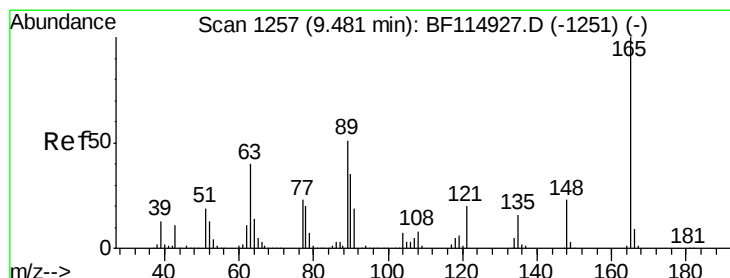
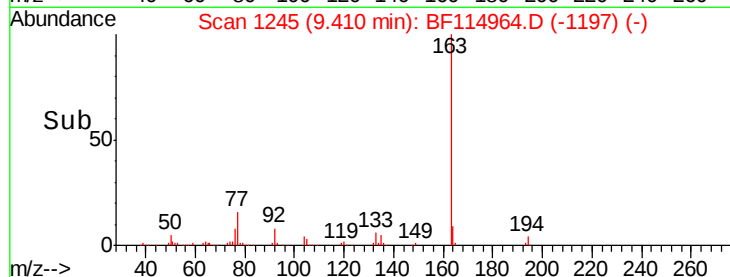
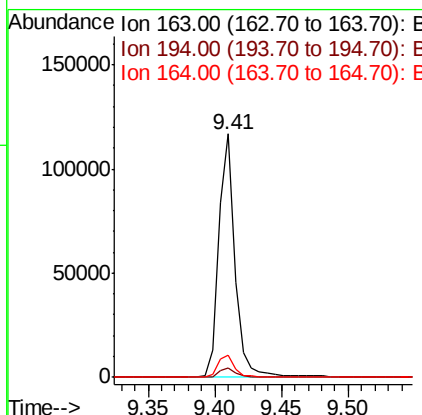
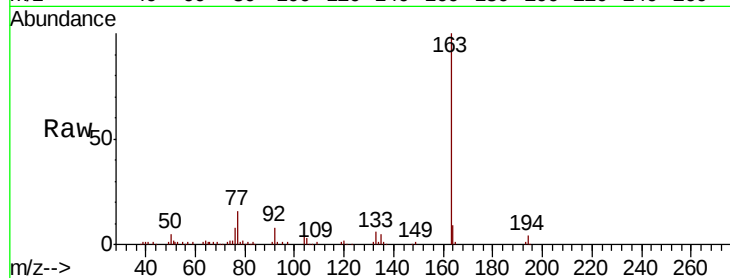




#50
Dimethylphthalate
Concen: 3.160 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BF114964.D
Acq: 12 Jun 2019 00:40

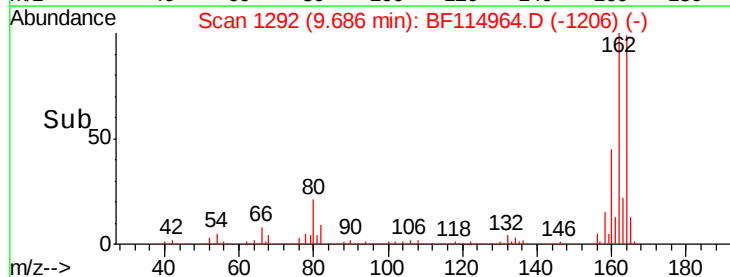
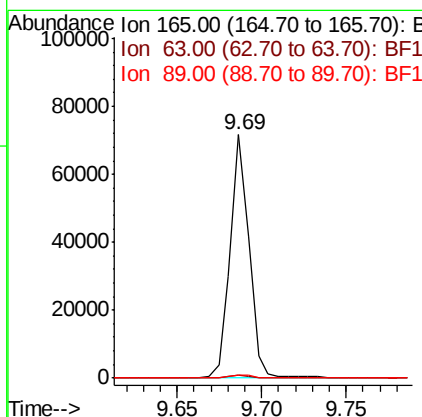
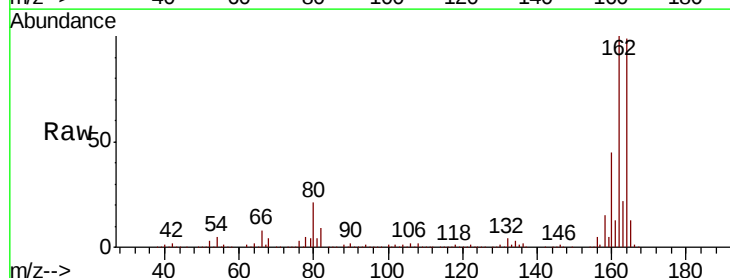
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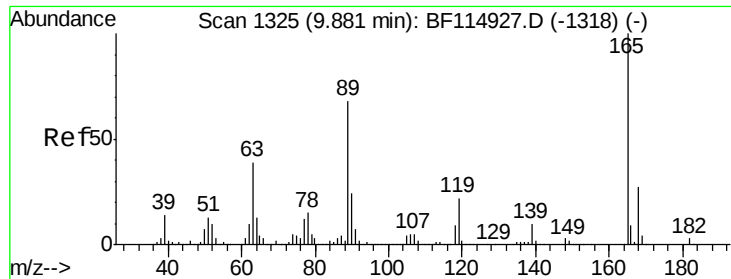
Tot Ion:163 Resp: 101377
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 9.2 8.7 13.1



#51
2,6-Dinitrotoluene
Concen: 7.544 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.21 min
Lab File: BF114964.D
Acq: 12 Jun 2019 00:40

Tgt Ion:165 Resp: 55591
Ion Ratio Lower Upper
165 100
63 1.1 38.3 57.5#
89 1.1 40.8 61.2#

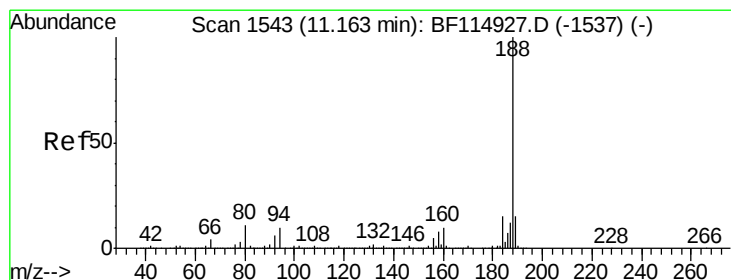
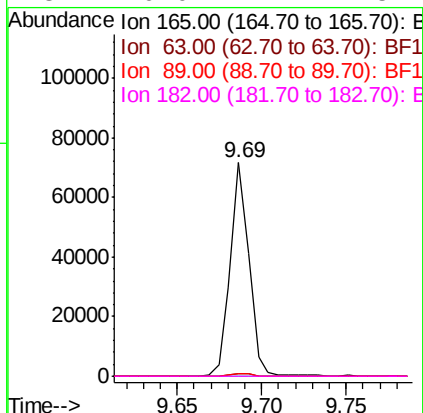
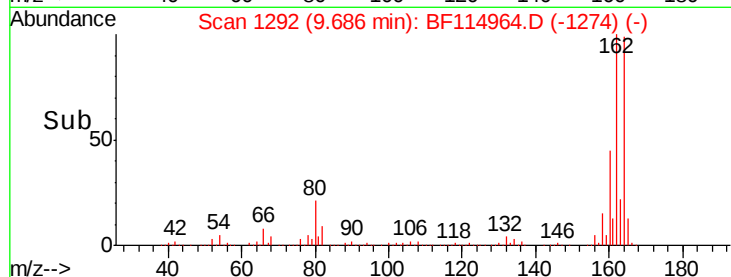
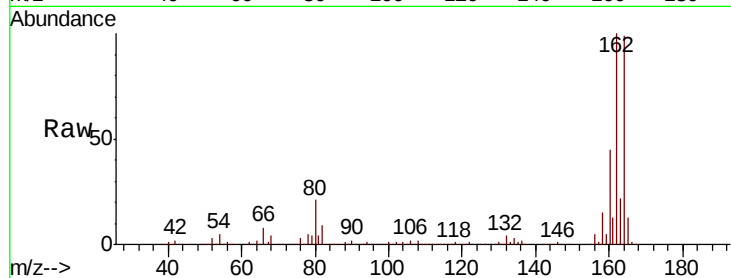




#57
 2,4-Dinitrotoluene
 Concen: 5.968 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.19 min
 Lab File: BF114964.D
 Acq: 12 Jun 2019 00:40

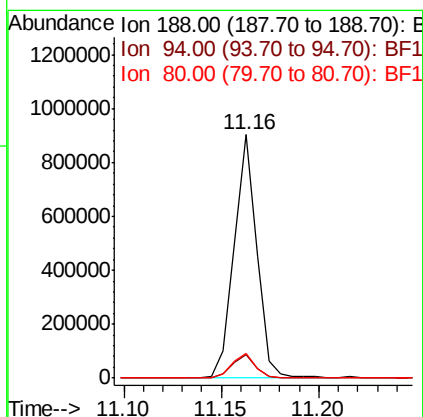
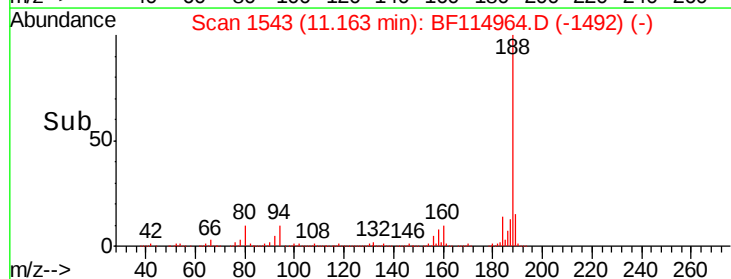
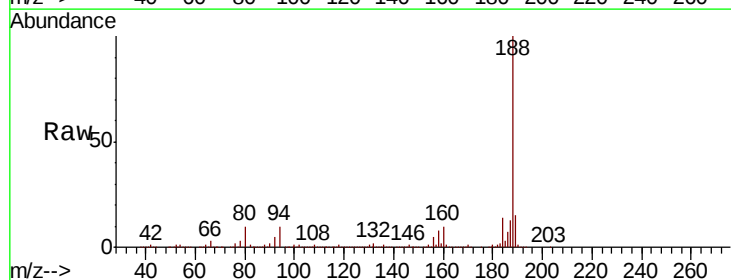
Instrument :
 BNA_F
 ClientSampleId :
 B-03-COMP

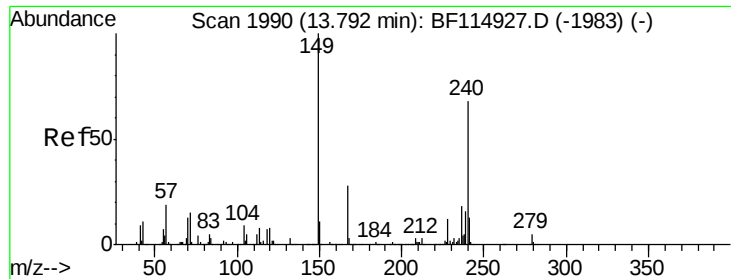
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	31.8	47.6#
89	1.1	54.2	81.2#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.00 min
 Lab File: BF114964.D
 Acq: 12 Jun 2019 00:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.1	12.1
80	10.1	8.6	12.8

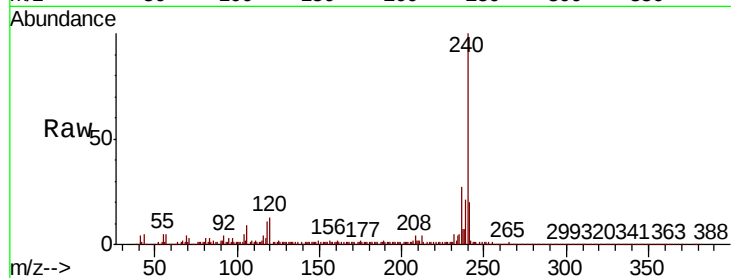




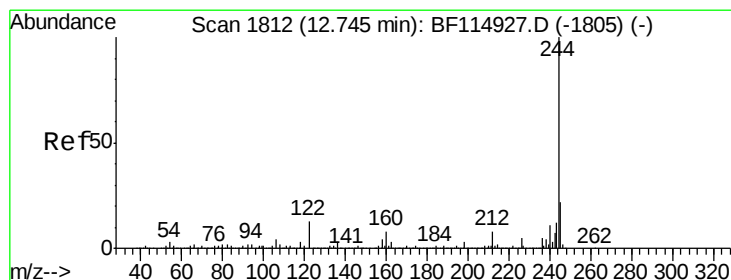
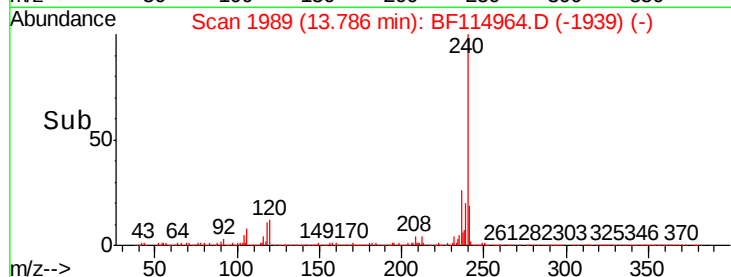
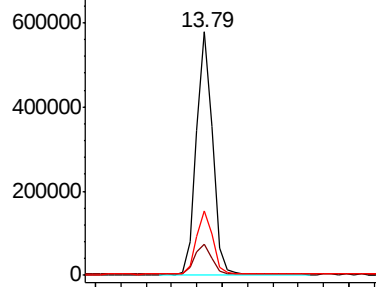
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BF114964.D
Acq: 12 Jun 2019 00:40

Instrument :
BNA_F
ClientSampleId :
B-03-COMP

Tot Ion:240 Resp: 512793
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 26.7 21.7 32.5

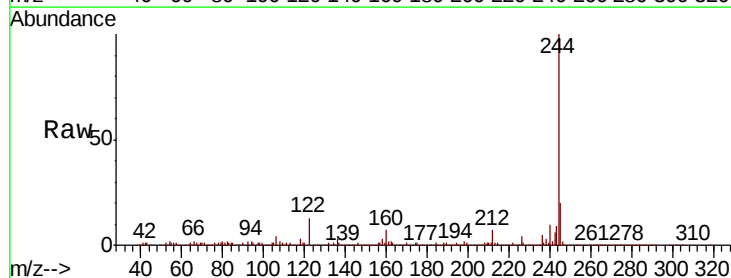


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

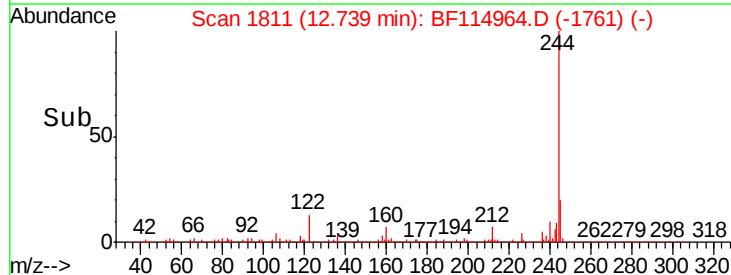
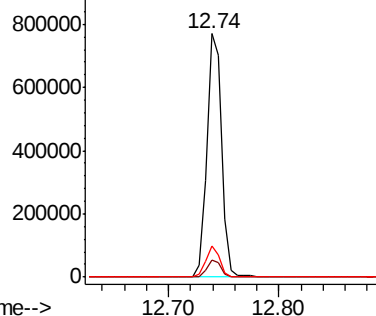


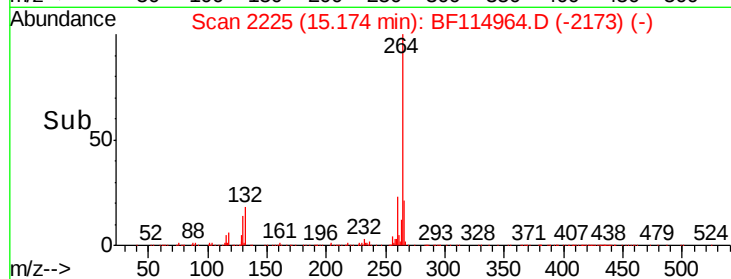
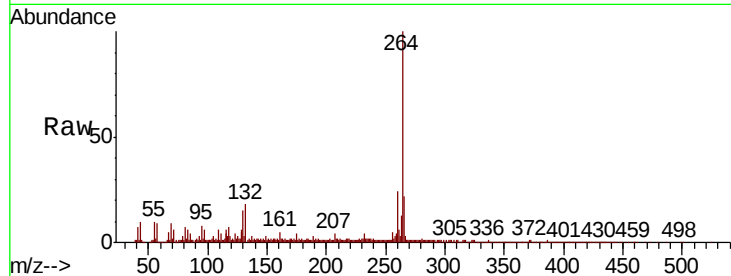
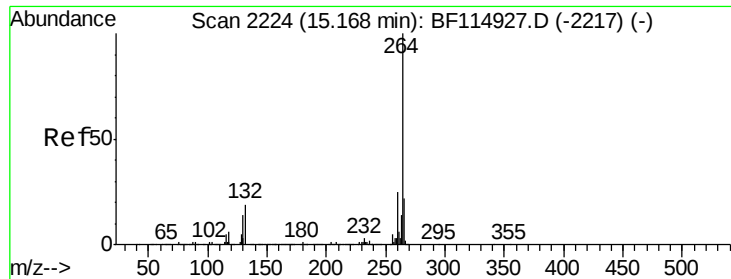
#79
Terphenyl-d14
Concen: 28.017 ng
RT: 12.74 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF114964.D
Acq: 12 Jun 2019 00:40

Tgt Ion:244 Resp: 722430
Ion Ratio Lower Upper
244 100
212 6.9 6.2 9.2
122 12.7 10.2 15.4



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: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF114964.D
Acq: 12 Jun 2019 00:40

Instrument :
BNA_F
ClientSampleId :
B-03-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	21.8	17.5	26.3

