

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
 Data File : BF114088.D
 Acq On : 2 May 2019 16:58
 Operator : JU/SJ
 Sample : K2652-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4

Quant Time: May 03 00:54:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

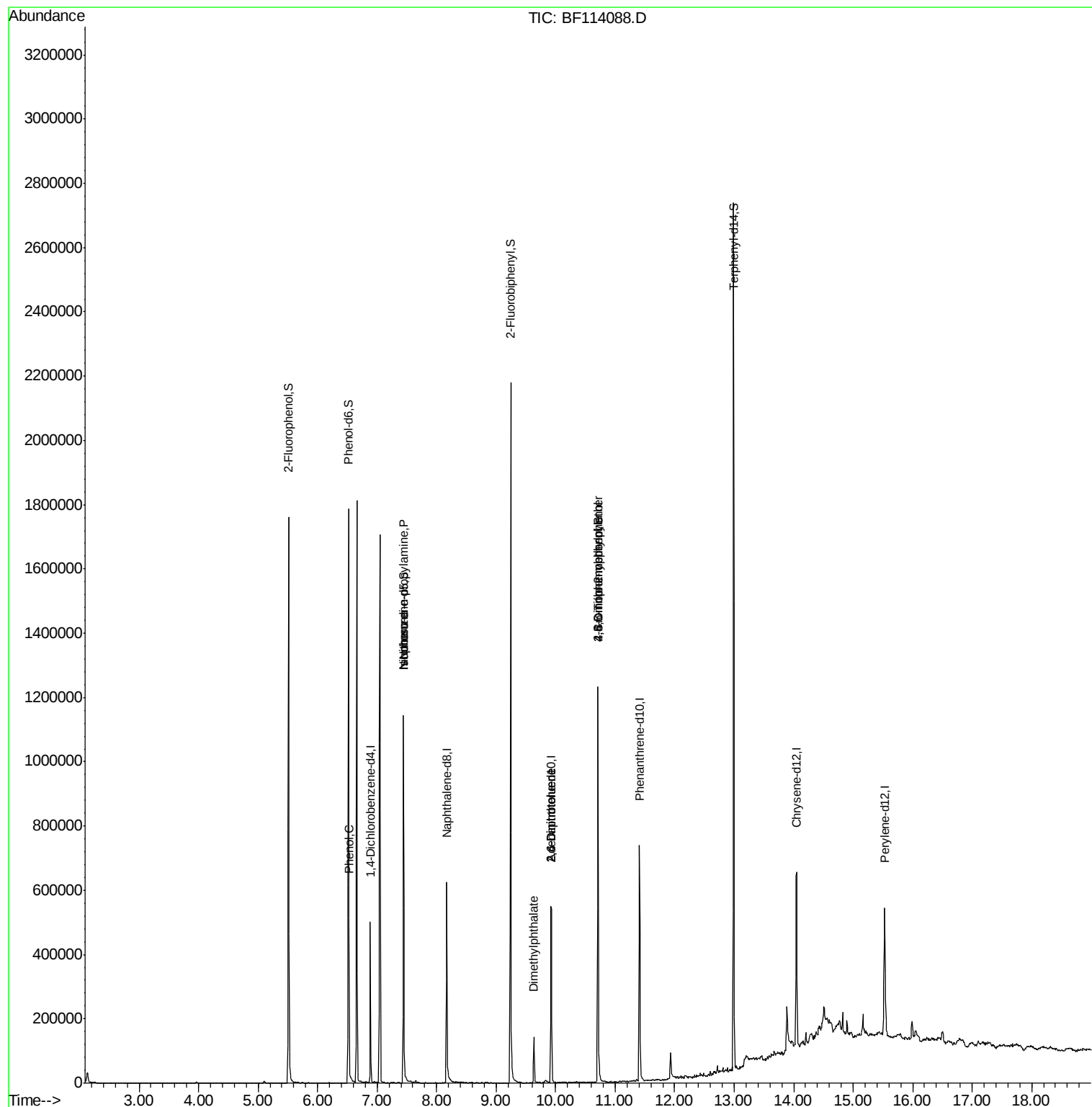
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	70922	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	317535	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	125454	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	290457	20.00	ng	0.00
76) Chrysene-d12	14.05	240	213776	20.00	ng	-0.02
87) Perylene-d12	15.53	264	211193	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	568144	137.01	ng	0.00
7) Phenol-d6	6.52	99	618191	118.83	ng	0.00
23) Nitrobenzene-d5	7.45	82	367970	71.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	182773	119.59	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	715721	89.23	ng	-0.01
79) Terphenyl-d14	12.99	244	923845	88.60	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.52	77	1108	Below Cal		Qvalue
10) Phenol	6.53	94	26868	4.319 ng	#	3
19) n-Nitroso-di-n-propylamine	7.45	70	49166	14.593 ng	#	77
25) Isophorone	7.45	82	367965	34.968 ng	#	65
50) Dimethylphthalate	9.63	163	65859	7.259 ng		97
51) 2,6-Dinitrotoluene	9.92	165	16082	8.262 ng	#	31
57) 2,4-Dinitrotoluene	9.92	165	16082	6.546 ng	#	27
65) 4,6-Dinitro-2-methylphenol	10.71	198	127	7.389 ng	#	1
67) 4-Bromophenyl-phenylether	10.71	248	11339	3.232 ng	#	1

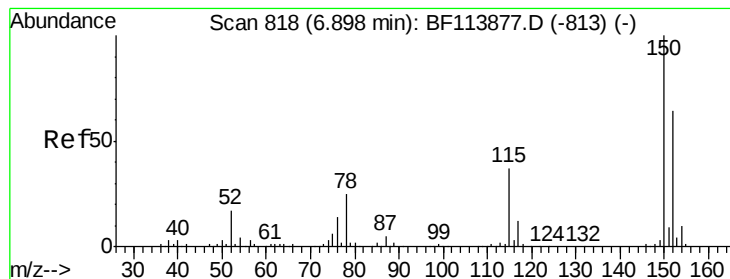
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
Data File : BF114088.D
Acq On : 2 May 2019 16:58
Operator : JU/SJ
Sample : K2652-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4

Quant Time: May 03 00:54:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration



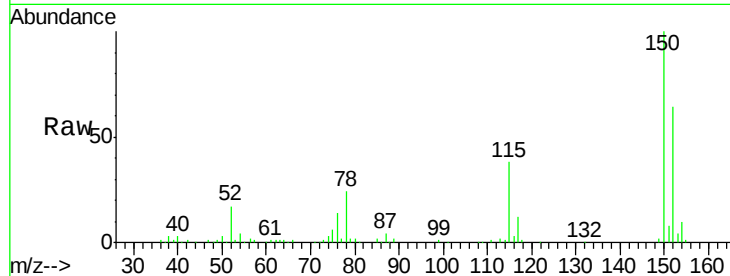


#1

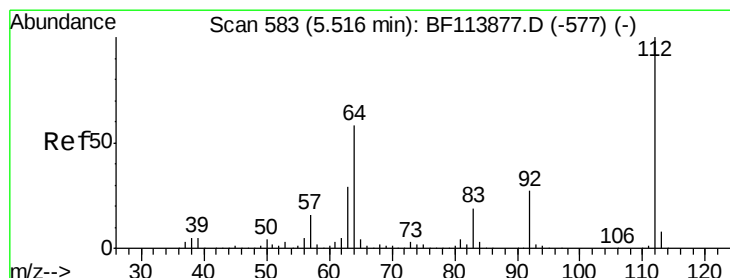
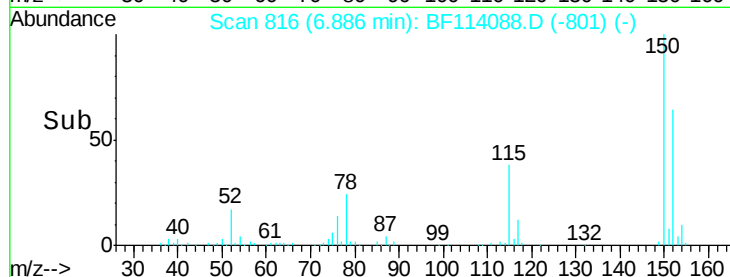
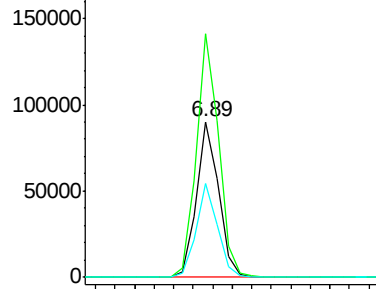
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF114088.D
 Acq: 2 May 2019 16:58

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4

Tot Ion:152 Resp: 70922
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.9 188.9
 115 60.1 45.9 68.9



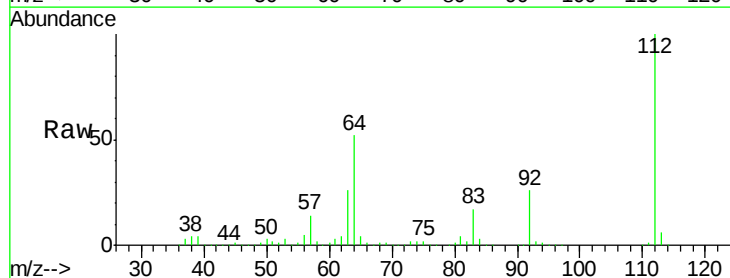
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



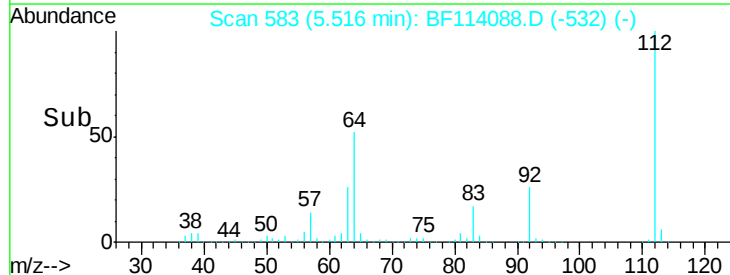
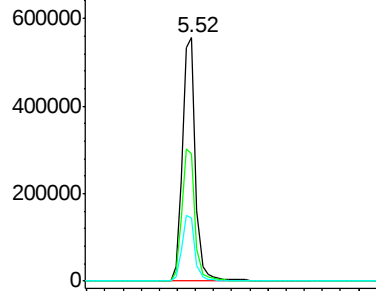
#5

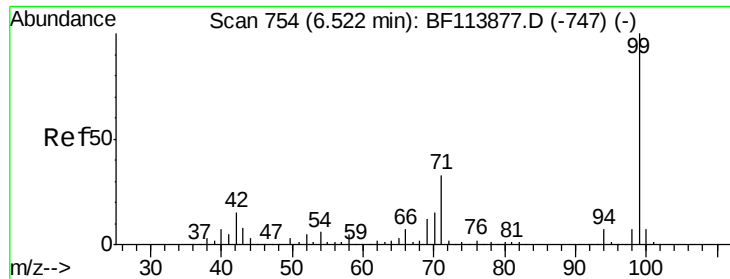
2-Fluorophenol
 Concen: 137.014 ng
 RT: 5.52 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF114088.D
 Acq: 2 May 2019 16:58

Tgt Ion:112 Resp: 568144
 Ion Ratio Lower Upper
 112 100
 64 52.2 46.6 69.8
 63 25.7 23.1 34.7



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: 118.827 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF114088.D

Acq: 2 May 2019 16:58

Instrument :

BNA_F

ClientSampleId :

DRUM-1-4

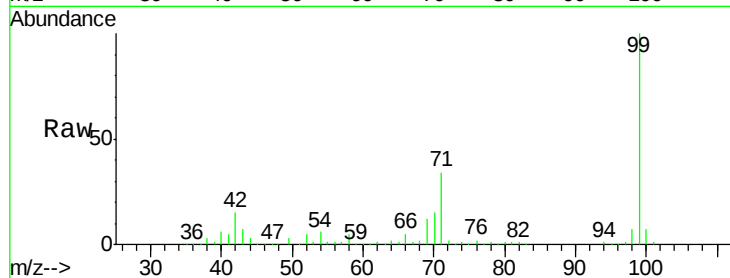
Tot Ion: 99 Resp: 618191

Ion Ratio Lower Upper

99 100

42 14.8 12.5 18.7

71 33.7 26.9 40.3



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

800000

600000

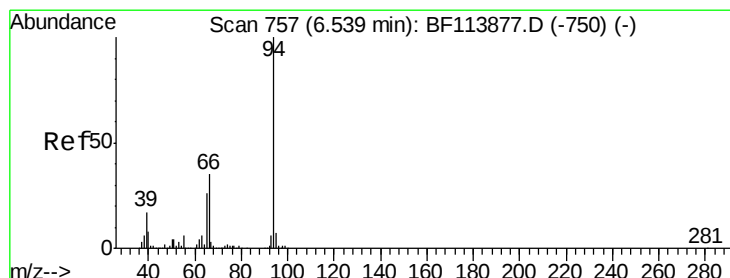
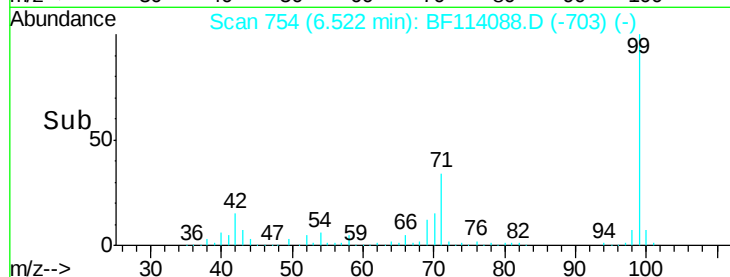
400000

200000

0

6.50 6.52 6.54 6.56 6.58 6.60 6.62 6.64 6.66 6.68 6.70

Time-->



#10

Phenol

Concen: 4.319 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF114088.D

Acq: 2 May 2019 16:58

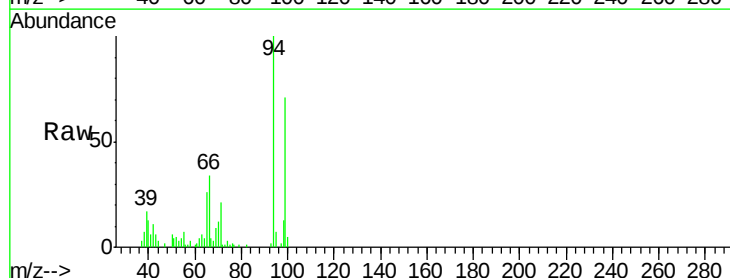
Tgt Ion: 94 Resp: 26868

Ion Ratio Lower Upper

94 100

65 25.6 8.1 48.1

66 33.6 16.6 56.6



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

40000

30000

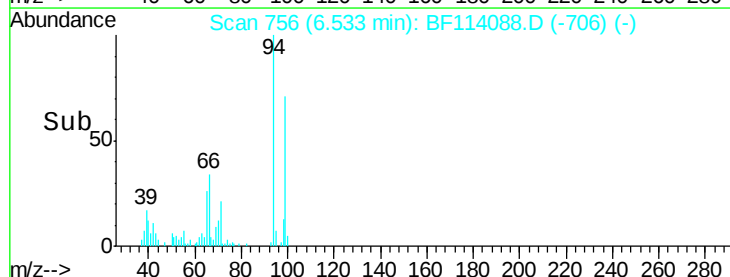
20000

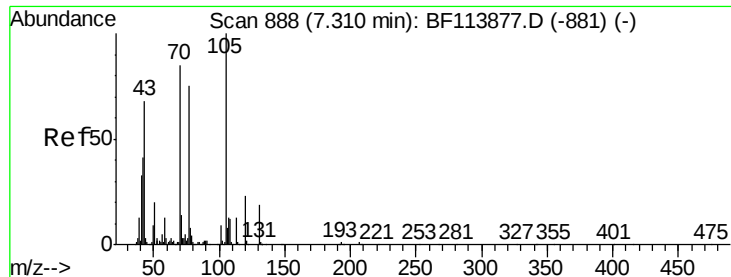
10000

0

6.50 6.52 6.54 6.56 6.58 6.60 6.62 6.64 6.66 6.68 6.70

Time-->

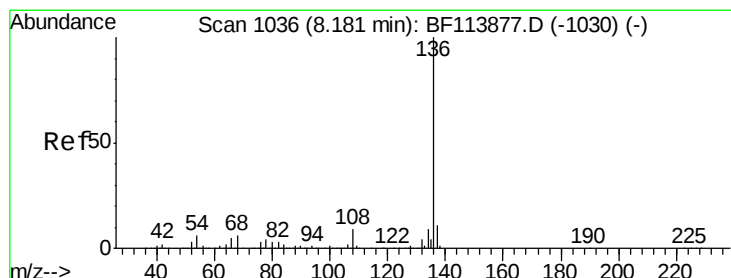
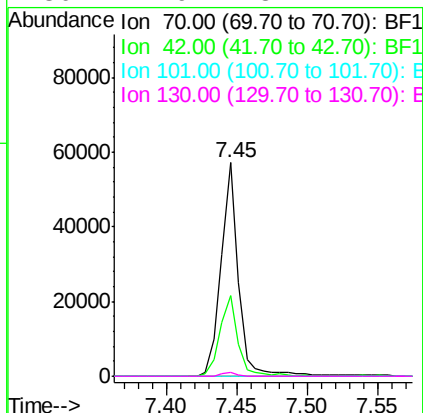
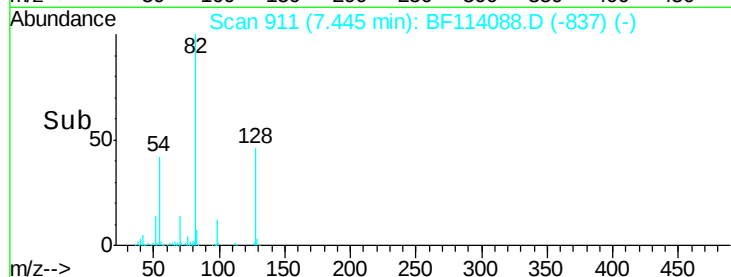
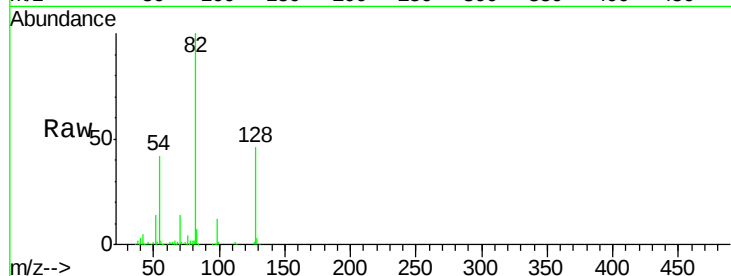




#19
n-Nitroso-di-n-propylamine
Concen: 14.593 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF114088.D
Acq: 2 May 2019 16:58

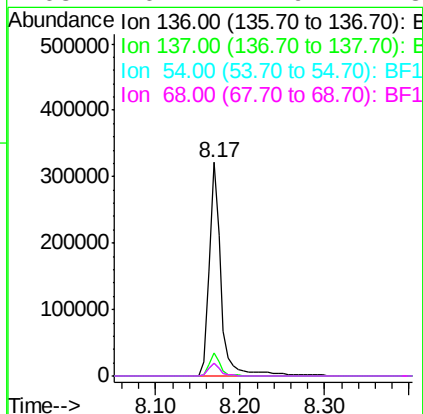
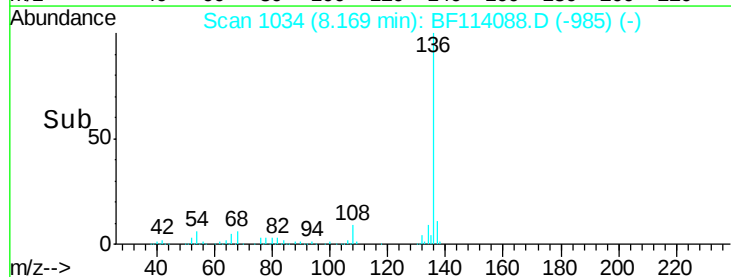
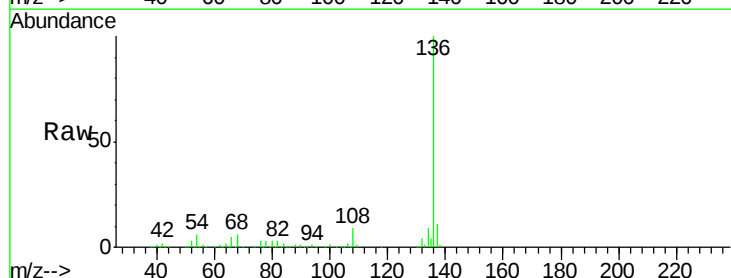
Instrument :
BNA_F
ClientSampleId :
DRUM-1-4

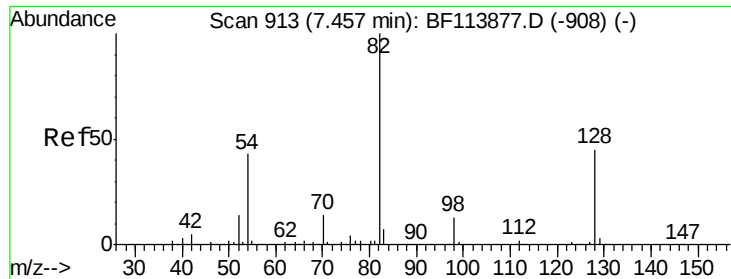
Tot Ion	70	Ratio	Lower	Upper
70	100			
42	37.8	37.3	55.9	
101	0.0	7.8	11.8	#
130	1.9	18.2	27.2	#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF114088.D
Acq: 2 May 2019 16:58

Tgt Ion	136	Ratio	Lower	Upper
136	100			
137	10.8	8.6	12.8	
54	6.3	5.0	7.6	
68	6.1	4.9	7.3	

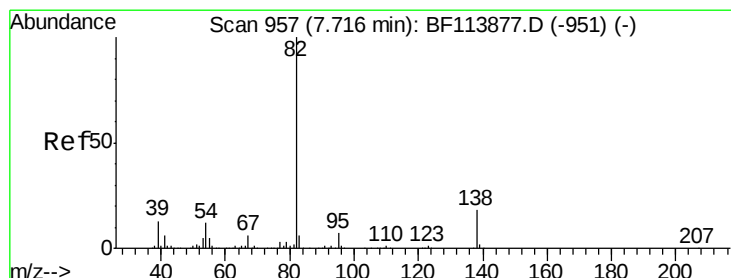
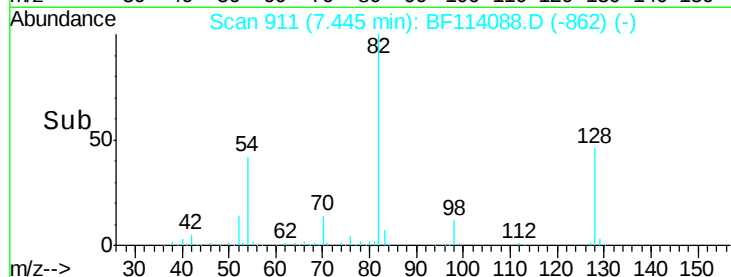
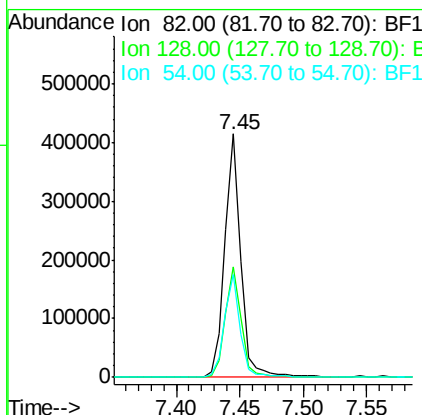
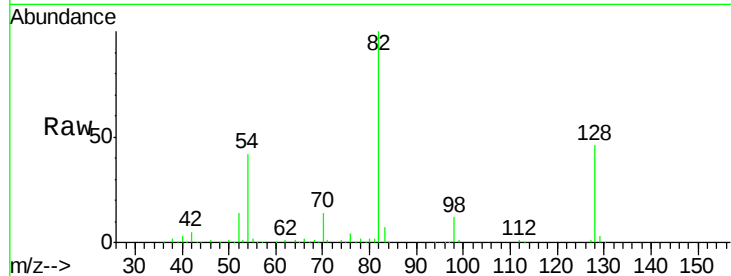




#23
Nitrobenzene-d5
Concen: 71.551 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF114088.D
Acq: 2 May 2019 16:58

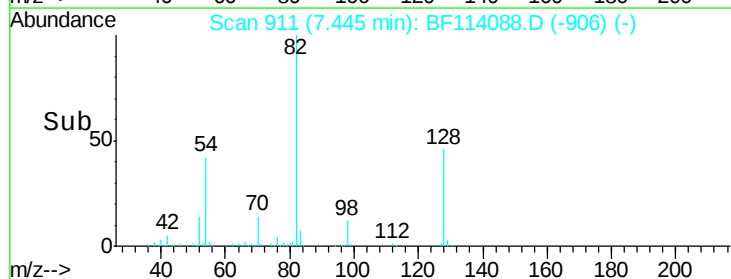
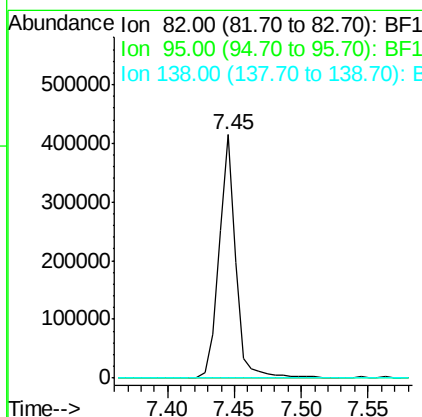
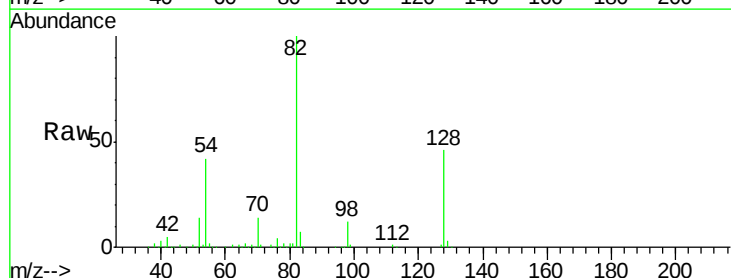
Instrument :
BNA_F
ClientSampleId :
DRUM-1-4

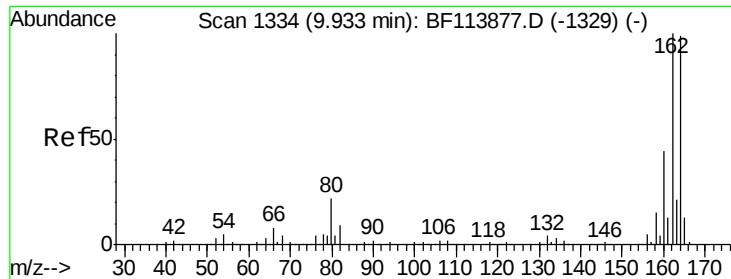
Tot Ion	82	Resp	367970
Ion Ratio	Lower	Upper	
82	100		
128	45.6	36.8	55.2
54	42.0	33.8	50.6



#25
Isophorone
Concen: 34.968 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.27 min
Lab File: BF114088.D
Acq: 2 May 2019 16:58

Tgt Ion	82	Resp	367965
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	22.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF114088.D

Acq: 2 May 2019 16:58

Instrument :

BNA_F

ClientSampleId :

DRUM-1-4

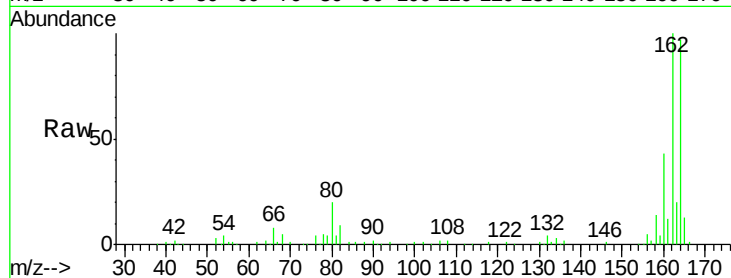
Tot Ion:164 Resp: 125454

Ion Ratio Lower Upper

164 100

162 102.6 81.1 121.7

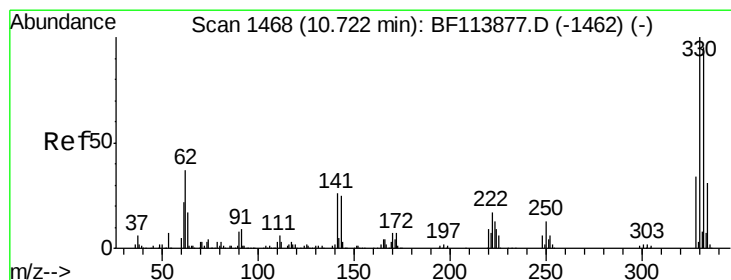
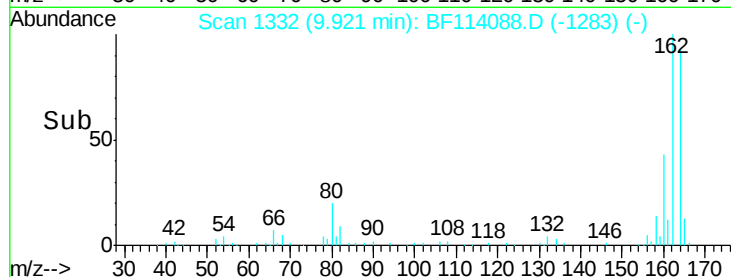
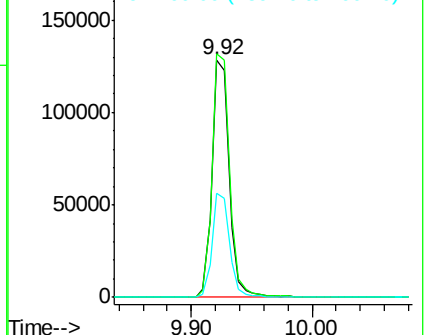
160 44.1 35.8 53.6



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: 119.593 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF114088.D

Acq: 2 May 2019 16:58

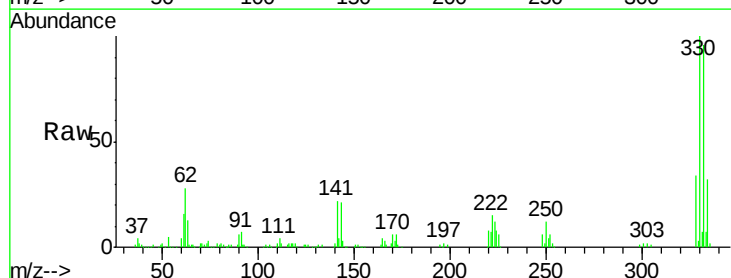
Tgt Ion:330 Resp: 182773

Ion Ratio Lower Upper

330 100

332 95.8 77.5 116.3

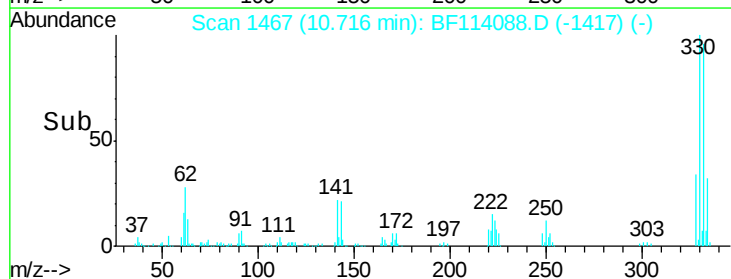
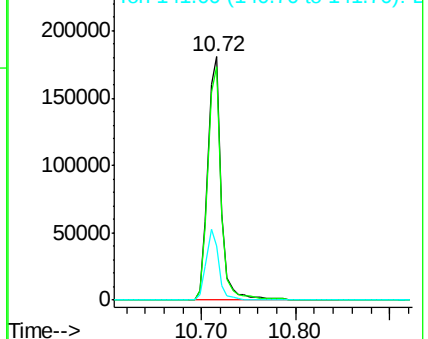
141 27.8 22.2 33.2

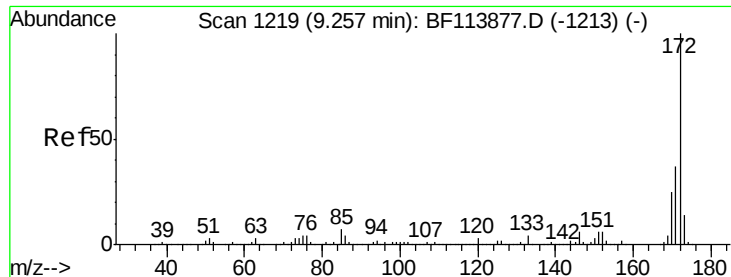


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

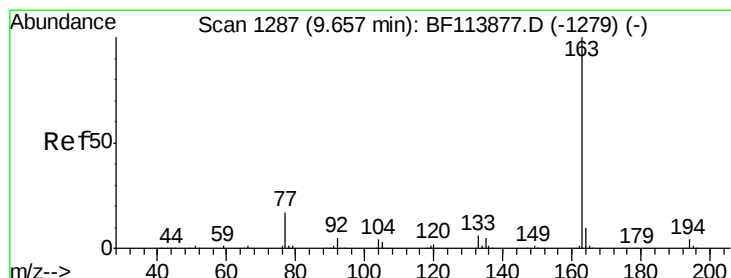
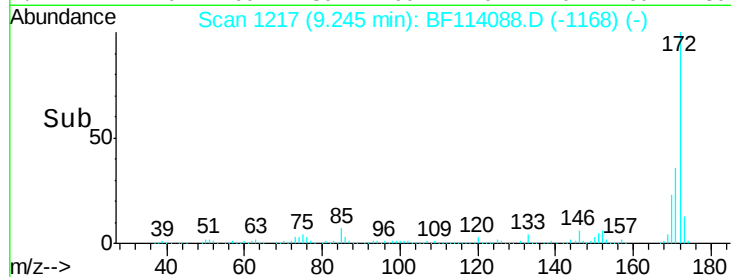
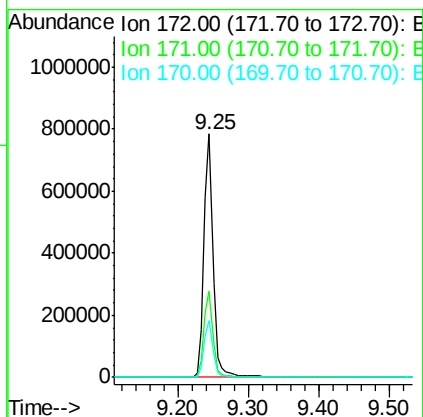
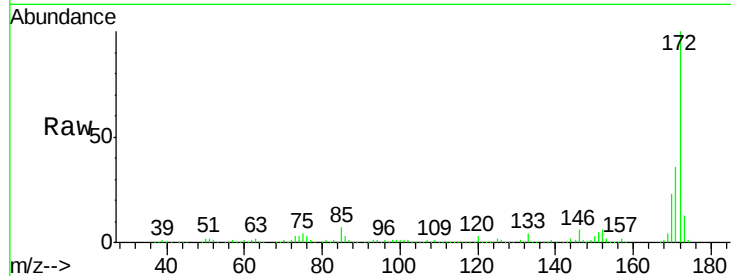




#45
2-Fluorobiphenyl
Concen: 89.228 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF114088.D
Acq: 2 May 2019 16:58

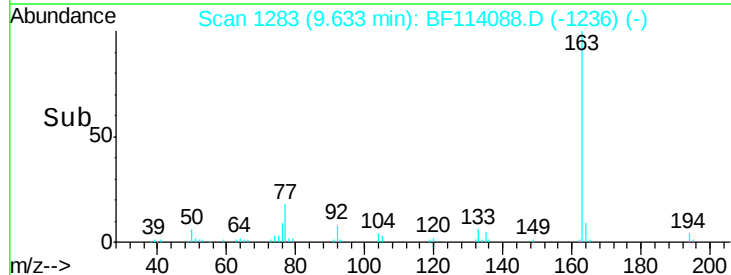
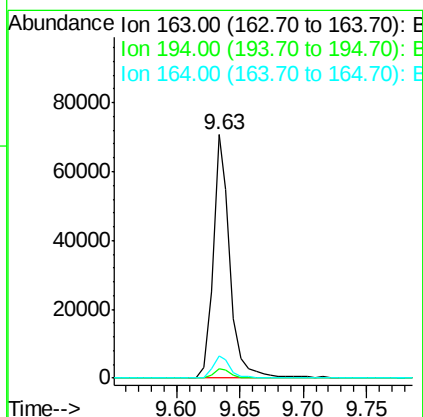
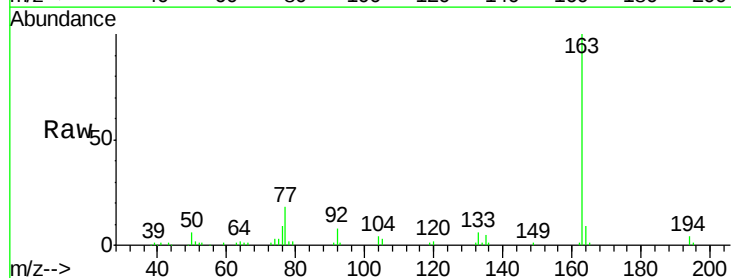
Instrument :
BNA_F
ClientSampled :
DRUM-1-4

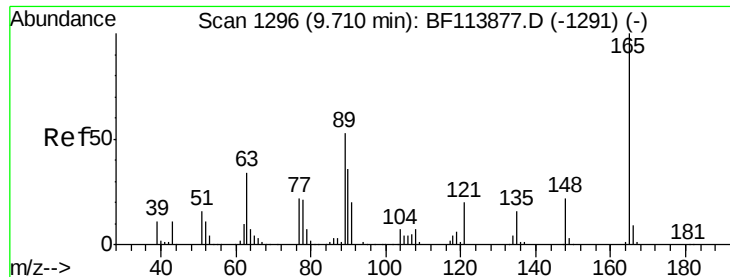
Tot Ion:172 Resp: 715721
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 23.5 19.9 29.9



#50
Dimethylphthalate
Concen: 7.259 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF114088.D
Acq: 2 May 2019 16:58

Tgt Ion:163 Resp: 65859
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.2
164 9.2 8.5 12.7

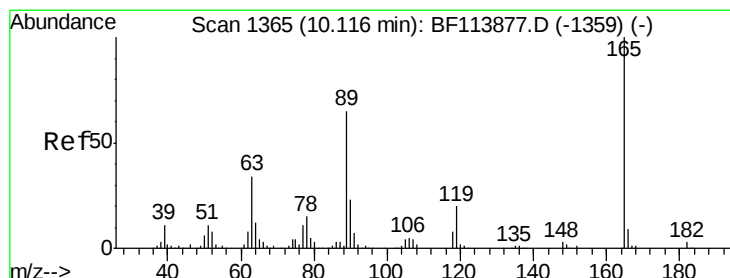
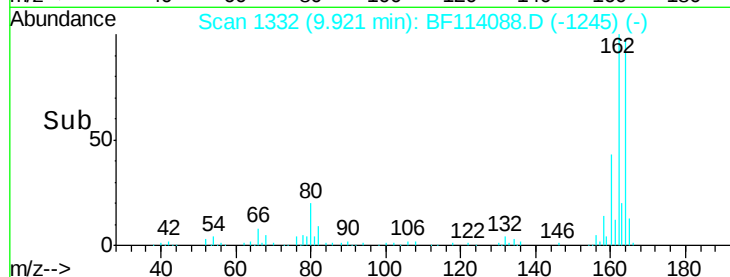
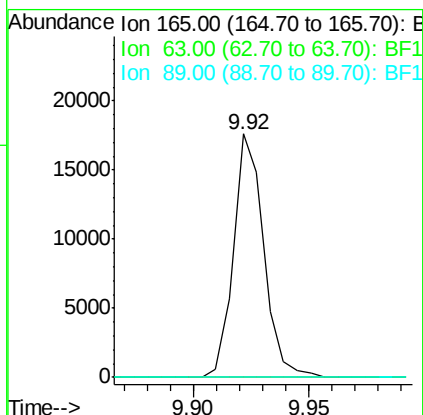
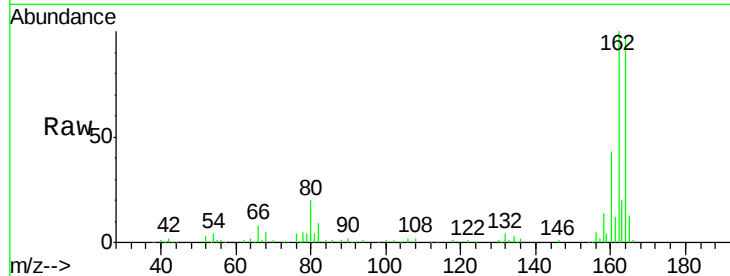




#51
 2,6-Dinitrotoluene
 Concen: 8.262 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.21 min
 Lab File: BF114088.D
 Acq: 2 May 2019 16:58

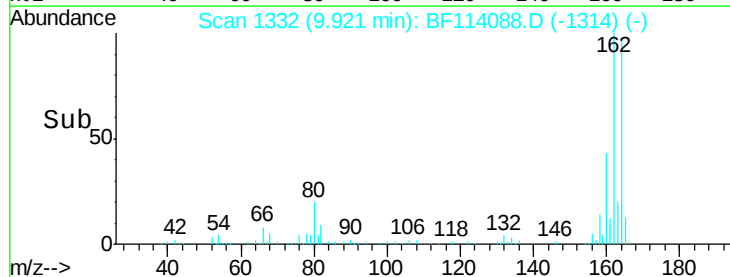
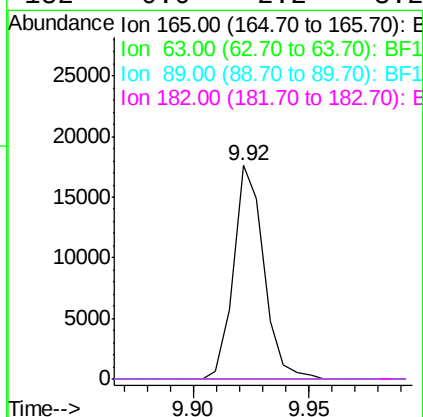
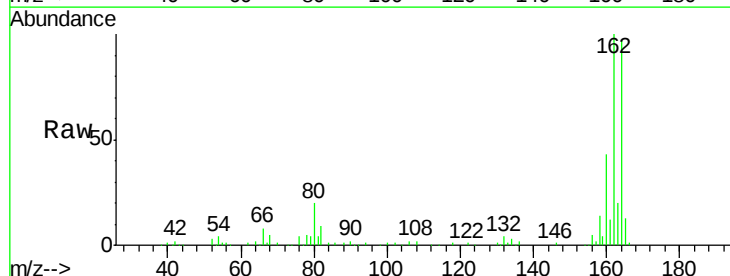
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4

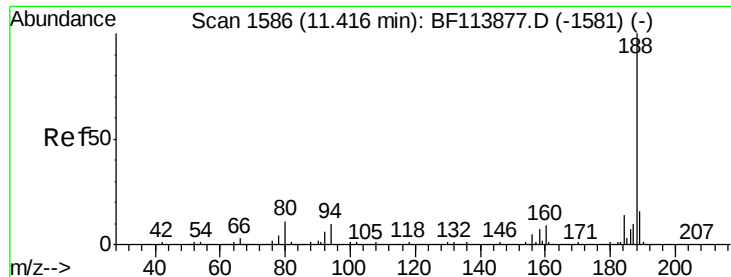
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.8#
89	0.0	38.2	57.2#



#57
 2,4-Dinitrotoluene
 Concen: 6.546 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF114088.D
 Acq: 2 May 2019 16:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	27.4	41.0#
89	0.0	51.8	77.6#
182	0.0	2.2	3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF114088.D

Acq: 2 May 2019 16:58

Instrument :

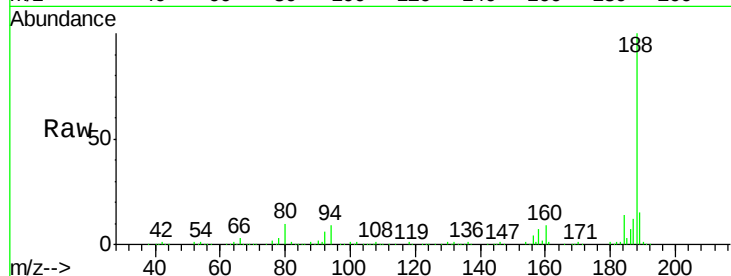
BNA_F

ClientSampleId :

DRUM-1-4

Tot Ion:188 Resp: 290457

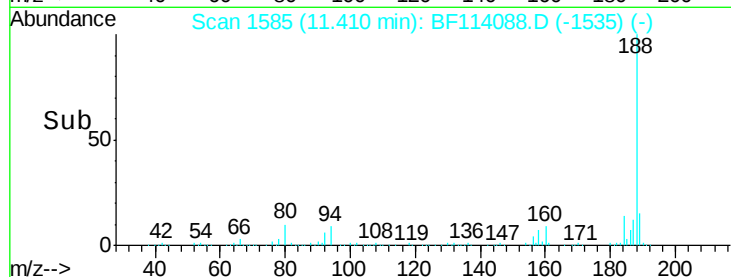
Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.4
80	10.1	9.0	13.6



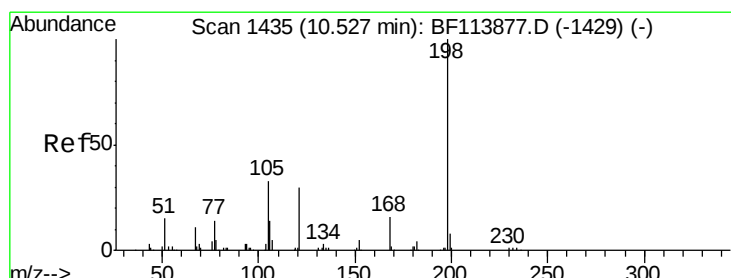
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 7.389 ng

RT: 10.71 min Scan# 1466

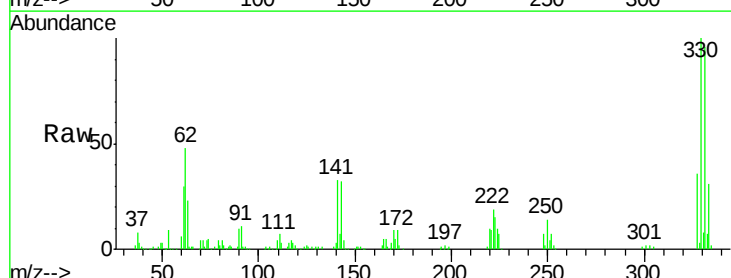
Delta R.T. 0.18 min

Lab File: BF114088.D

Acq: 2 May 2019 16:58

Tgt Ion:198 Resp: 127

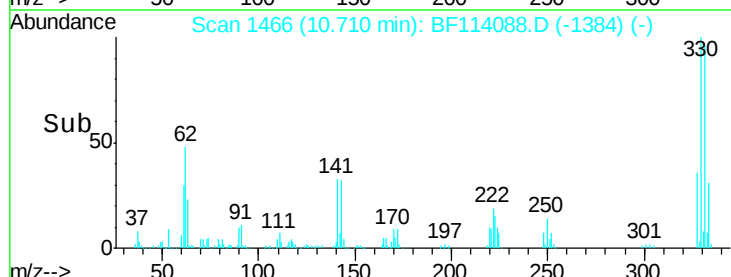
Ion	Ratio	Lower	Upper
198	100		
51	175.5	11.1	51.1#
105	185.2	20.7	60.7#



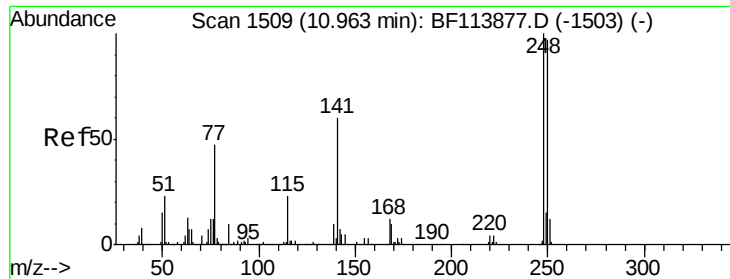
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



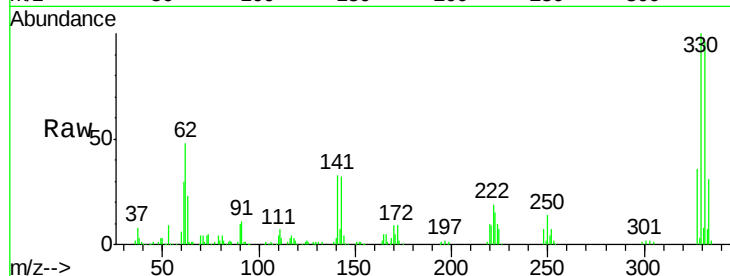
Time-->



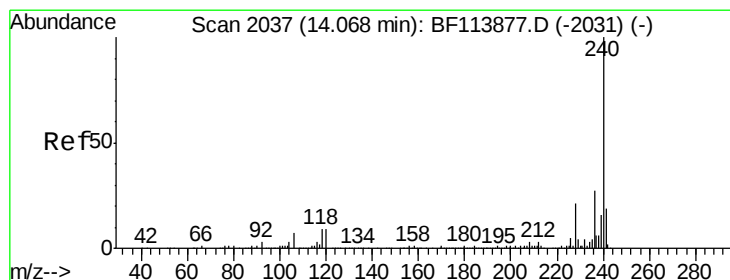
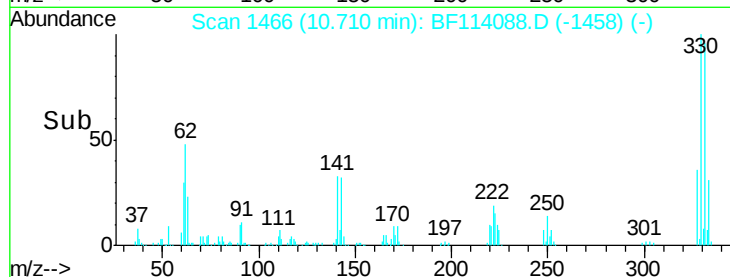
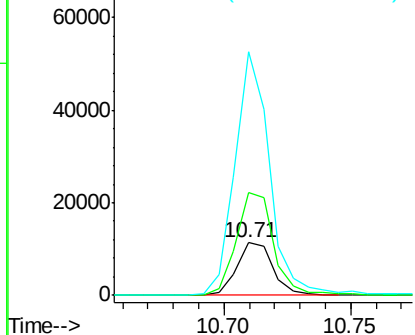
#67
 4-Bromophenyl-phenylether
 Concen: 3.232 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.25 min
 Lab File: BF114088.D
 Acq: 2 May 2019 16:58

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4

Tot Ion:248 Resp: 11339
 Ion Ratio Lower Upper
 248 100
 250 196.2 75.8 113.6#
 141 462.2 50.2 75.4#

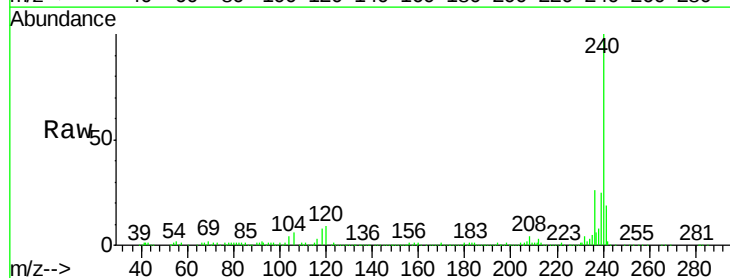


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

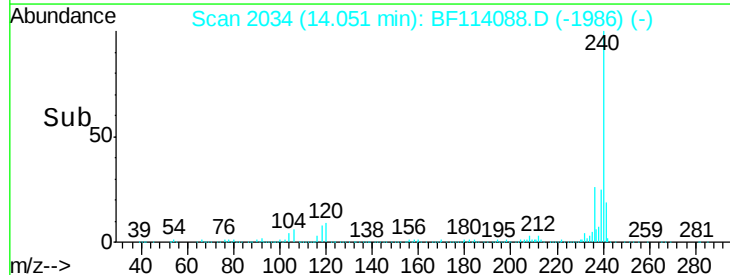
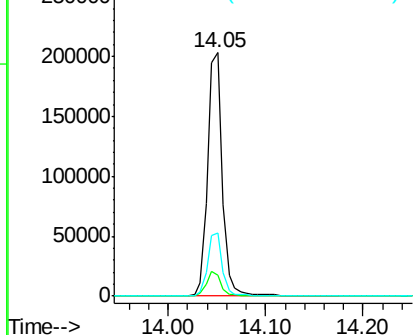


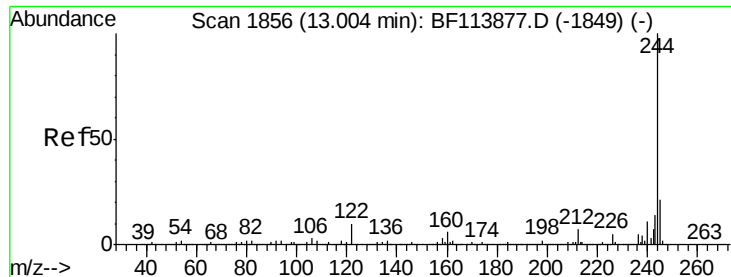
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF114088.D
 Acq: 2 May 2019 16:58

Tgt Ion:240 Resp: 213776
 Ion Ratio Lower Upper
 240 100
 120 8.5 9.3 13.9#
 236 26.2 21.2 31.8



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: 88.598 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF114088.D

Acq: 2 May 2019 16:58

Instrument :

BNA_F

ClientSampleId :

DRUM-1-4

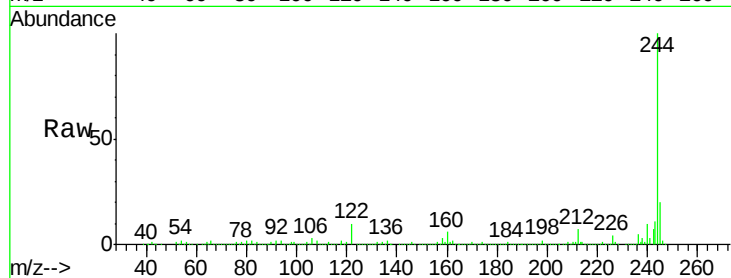
Tot Ion:244 Resp: 923845

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

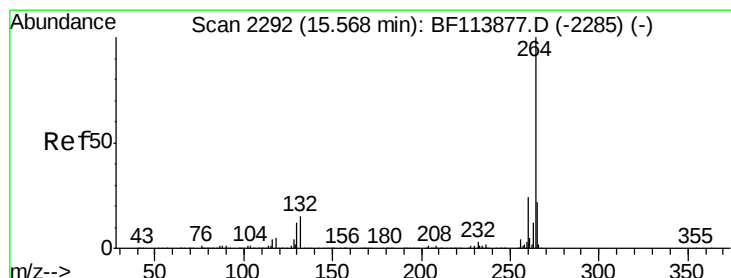
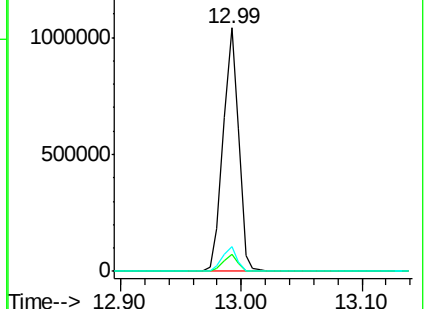
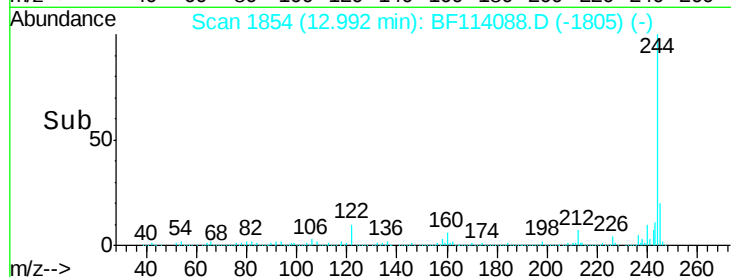
122 10.1 7.6 11.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. -0.04 min

Lab File: BF114088.D

Acq: 2 May 2019 16:58

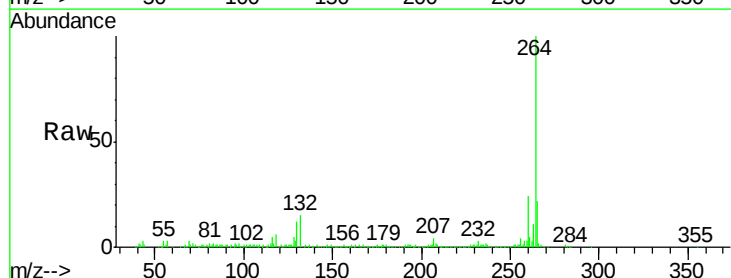
Tgt Ion:264 Resp: 211193

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.0 17.3 25.9



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

