

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114592.D
 Acq On : 25 May 2019 1:22
 Operator : JU/SJ
 Sample : K3026-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-S

Quant Time: May 26 23:04:18 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 24 07:23:33 2019
 Response via : Initial Calibration

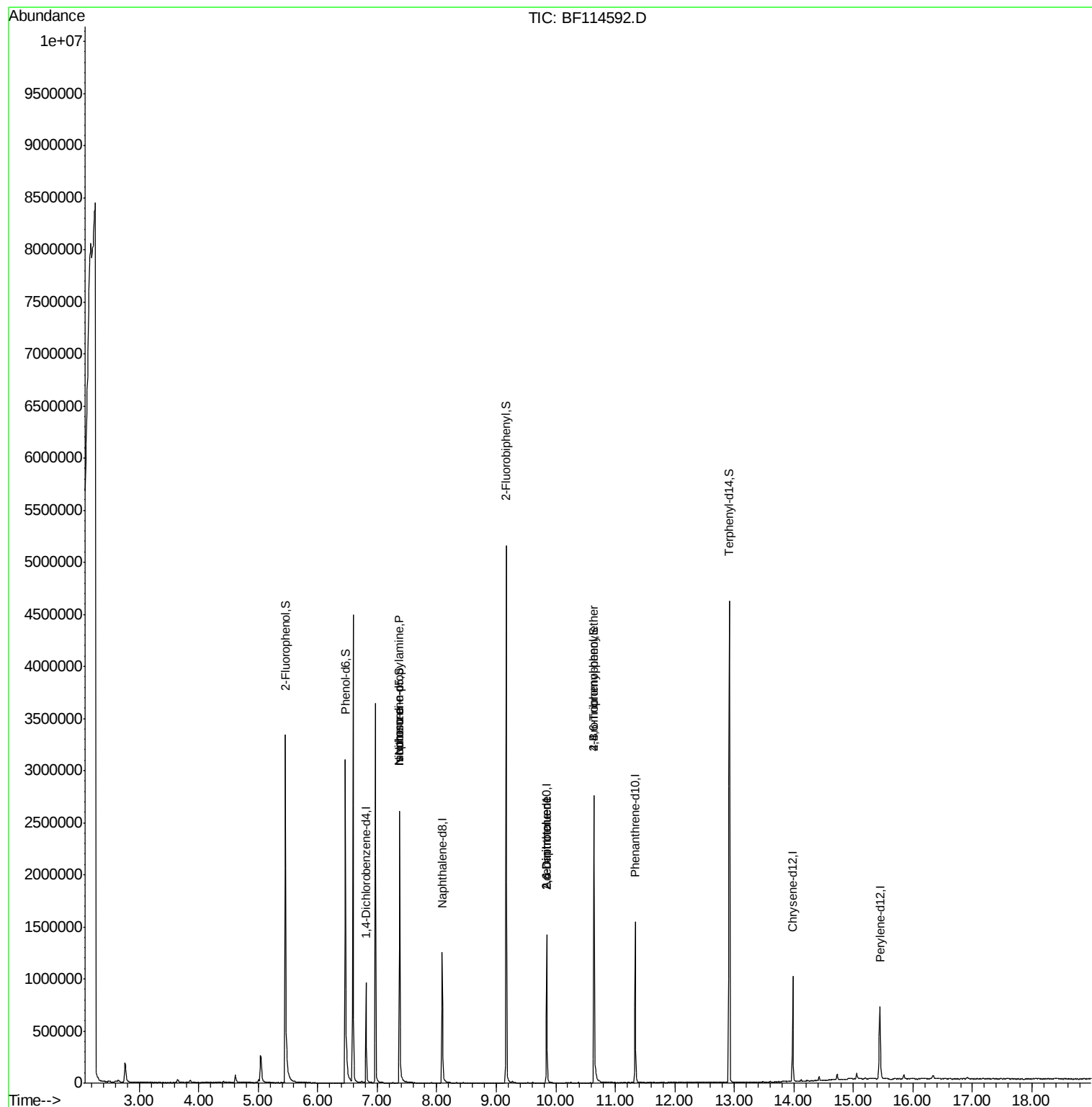
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	158074	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	599841	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	282186	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	579203	20.00	ng	0.00
76) Chrysene-d12	13.98	240	367723	20.00	ng	0.00
87) Perylene-d12	15.44	264	375193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1048524	106.74	ng	0.01
7) Phenol-d6	6.46	99	1231324	105.99	ng	0.00
23) Nitrobenzene-d5	7.37	82	907288	84.88	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	372962	127.84	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1611681	86.39	ng	0.00
79) Terphenyl-d14	12.92	244	1722601	96.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	118252	16.058	ng	# 76
25) Isophorone	7.37	82	907283	45.769	ng	# 64
51) 2,6-Dinitrotoluene	9.85	165	35144	7.649	ng	# 22
57) 2,4-Dinitrotoluene	9.85	165	35144	5.635	ng	# 25
67) 4-Bromophenyl-phenylether	10.64	248	23604	3.701	ng	# 1

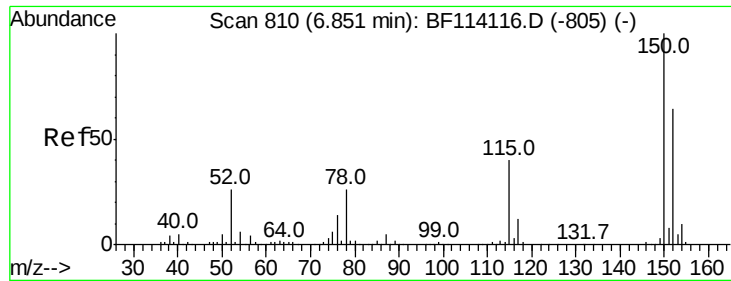
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration



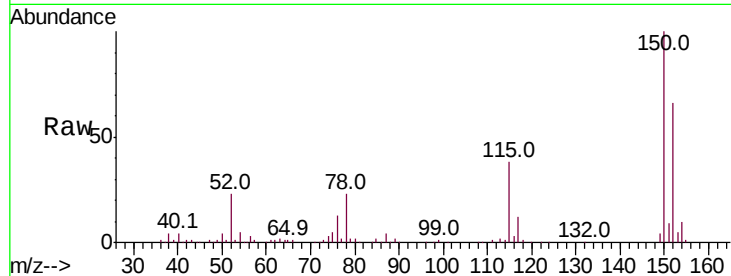


#1

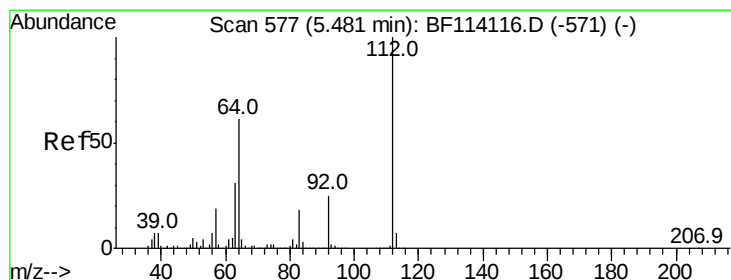
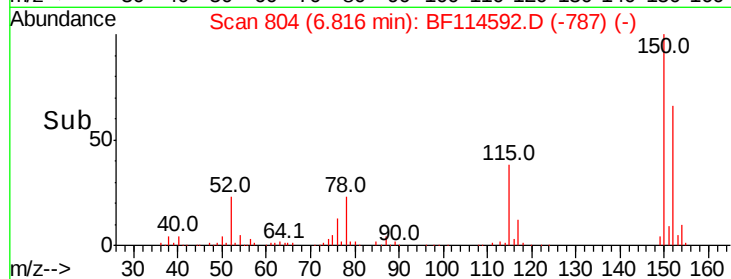
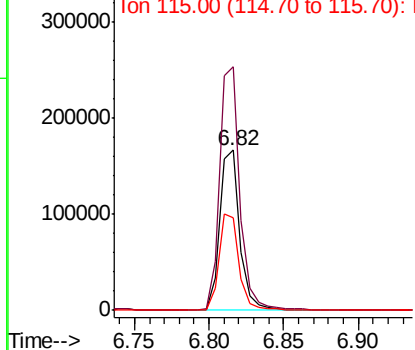
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF114592.D
Acq: 25 May 2019 1:22

Instrument :
BNA_F
ClientSampleId :
TP-5-S

Tot Ion:152 Resp: 158074
Ion Ratio Lower Upper
152 100
150 152.3 124.3 186.5
115 58.1 49.1 73.7



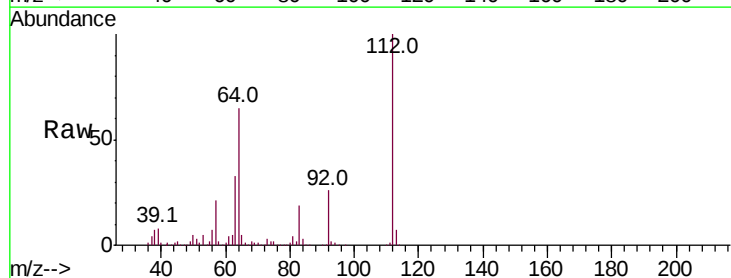
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



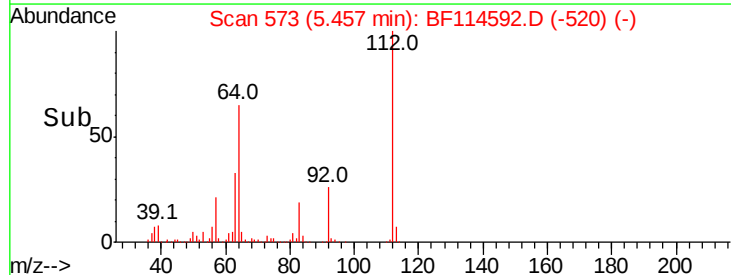
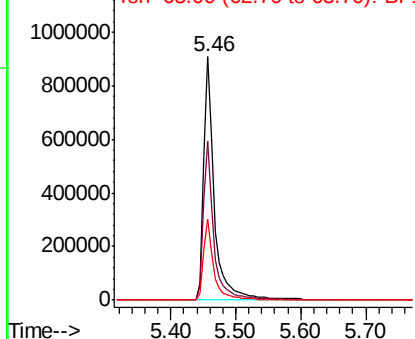
#5

2-Fluorophenol
Concen: 106.744 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF114592.D
Acq: 25 May 2019 1:22

Tgt Ion:112 Resp: 1048524
Ion Ratio Lower Upper
112 100
64 65.2 49.0 73.6
63 33.4 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: 105.987 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114592.D

Acq: 25 May 2019 1:22

Instrument :

BNA_F

ClientSampled :

TP-5-S

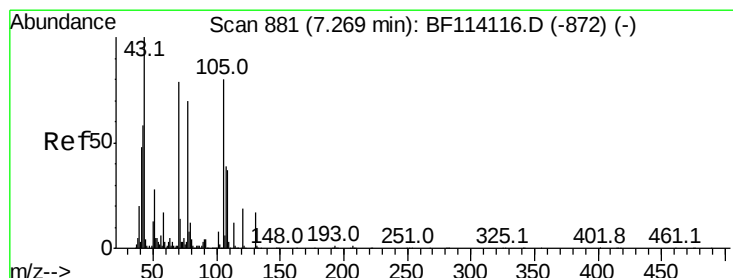
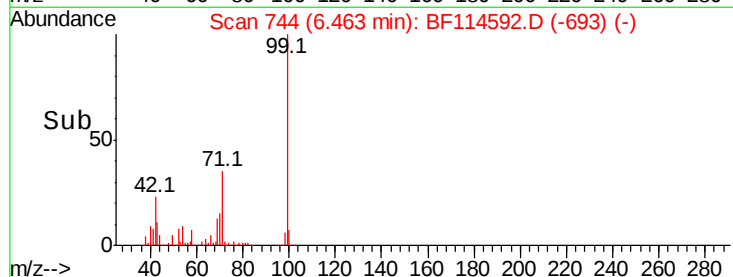
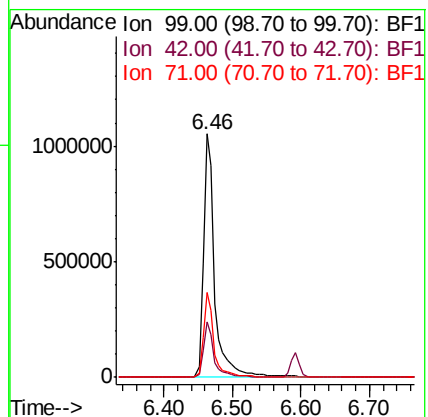
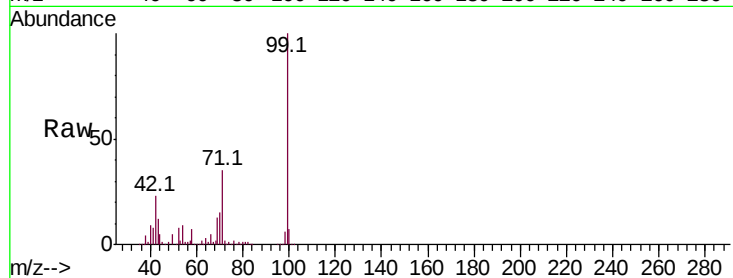
Tot Ion: 99 Resp: 1231324

Ion Ratio Lower Upper

99 100

42 22.9 17.9 26.9

71 34.9 26.2 39.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.058 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF114592.D

Acq: 25 May 2019 1:22

Tgt Ion: 70 Resp: 118252

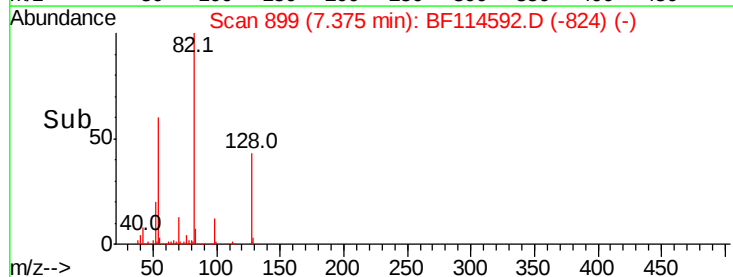
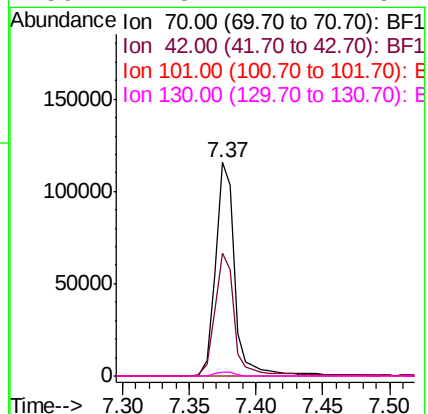
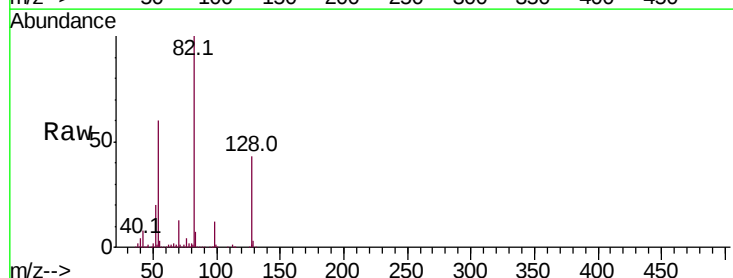
Ion Ratio Lower Upper

70 100

42 57.7 58.6 87.8#

101 0.0 7.8 11.8#

130 1.8 17.1 25.7#

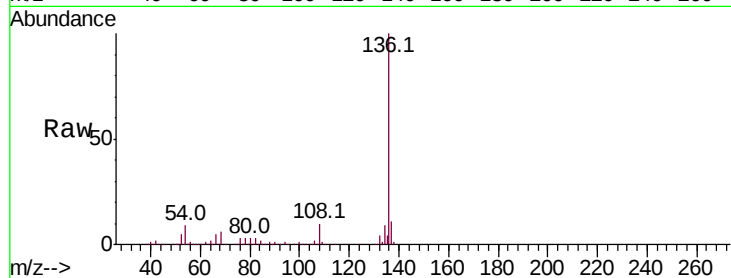




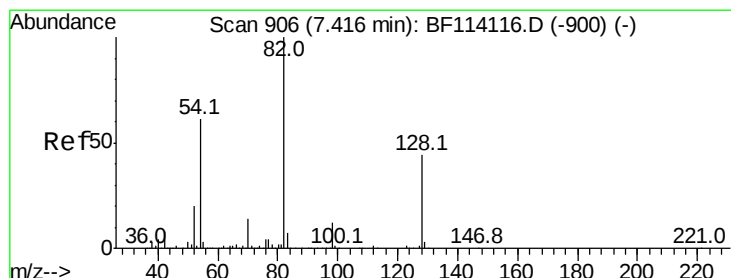
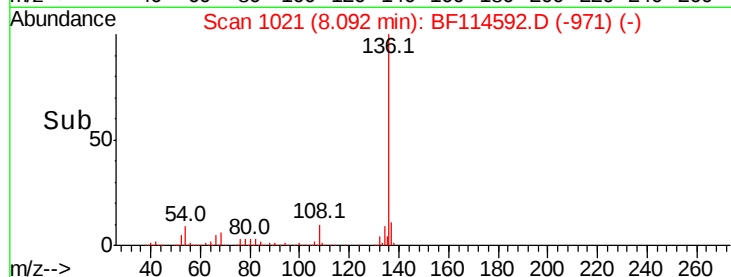
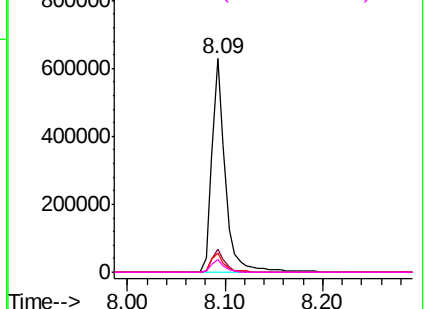
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114592.D
Acq: 25 May 2019 1:22

Instrument :
BNA_F
ClientSampleId :
TP-5-S

Tot Ion:	136	Resp:	599841
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.0	7.8	11.8
68	5.9	5.1	7.7

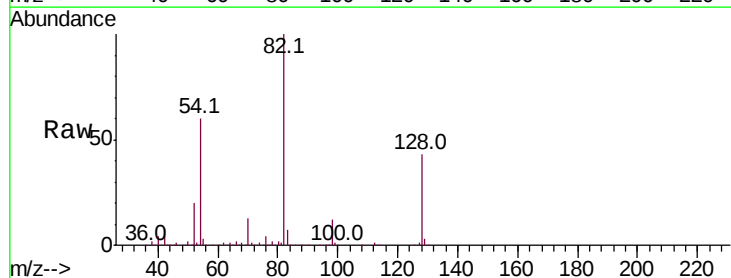


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

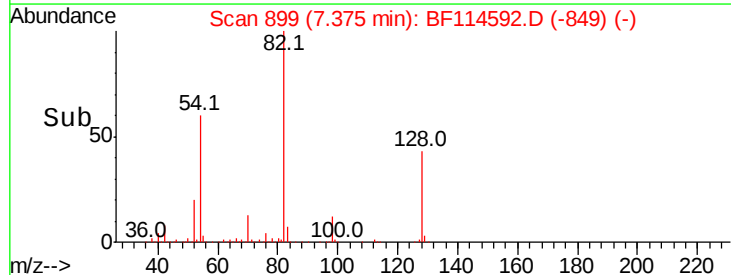
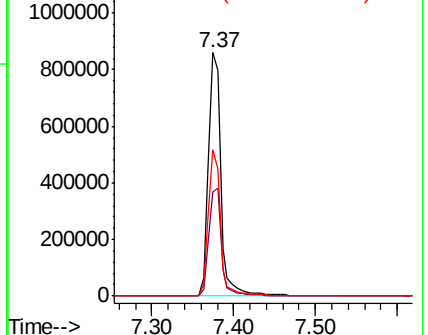


#23
Nitrobenzene-d5
Concen: 84.884 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114592.D
Acq: 25 May 2019 1:22

Tgt Ion:	82	Resp:	907288
Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.5	53.3
54	60.1	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: 45.769 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF114592.D

Acq: 25 May 2019 1:22

Instrument :

BNA_F

ClientSampled :

TP-5-S

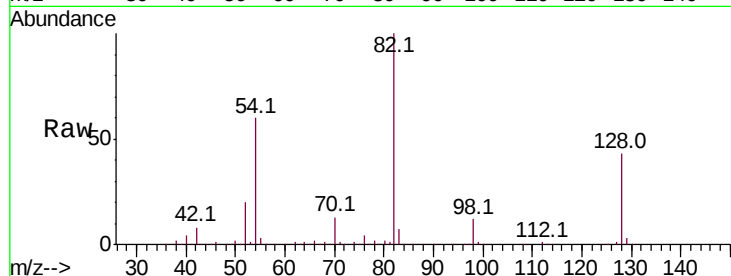
Tot Ion: 82 Resp: 907283

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

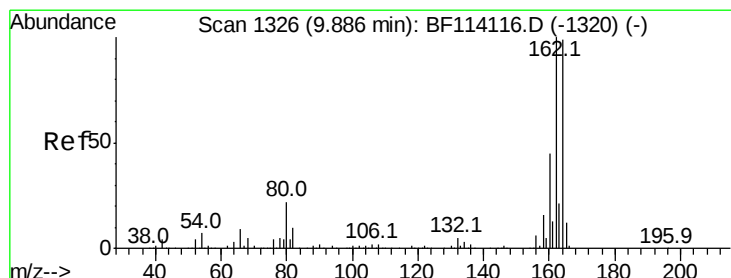
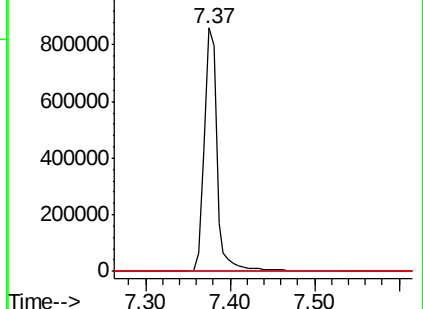
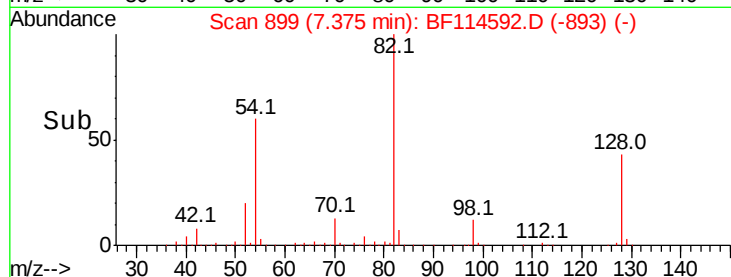
138 0.0 14.8 22.2#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF114592.D

Acq: 25 May 2019 1:22

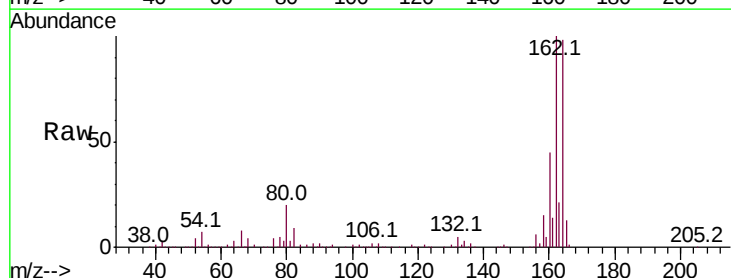
Tgt Ion:164 Resp: 282186

Ion Ratio Lower Upper

164 100

162 101.8 80.6 120.8

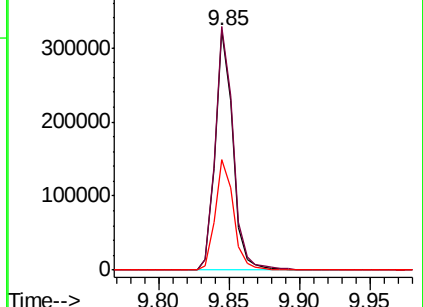
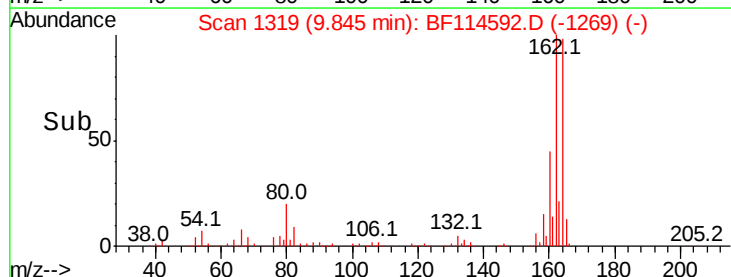
160 46.3 36.5 54.7



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: 127.844 ng

RT: 10.64 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF114592.D

Acq: 25 May 2019 1:22

Instrument :

BNA_F

ClientSampleId :

TP-5-S

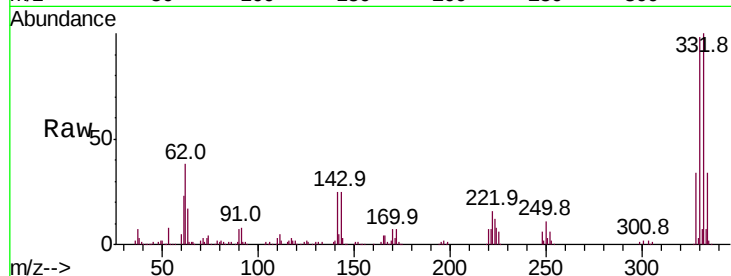
Tot Ion:330 Resp: 372962

Ion Ratio Lower Upper

330 100

332 98.5 81.4 122.2

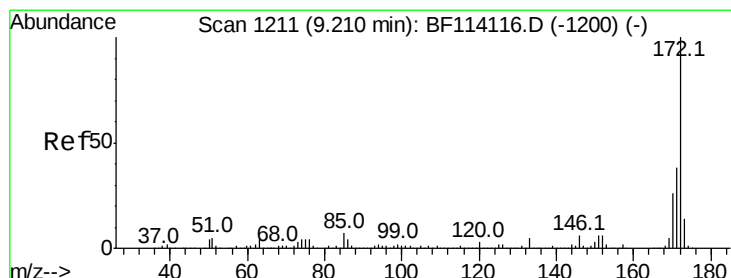
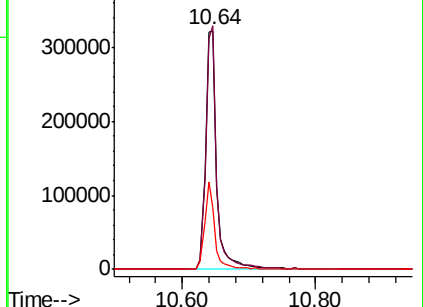
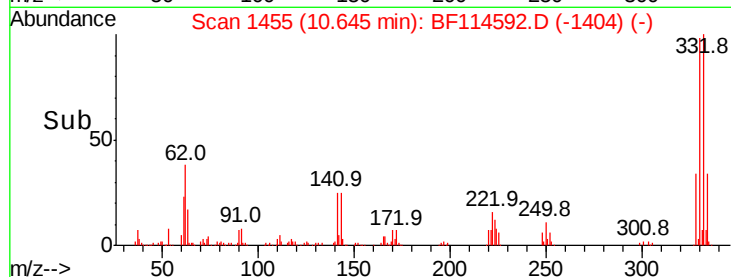
141 32.6 26.6 40.0



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: 86.395 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF114592.D

Acq: 25 May 2019 1:22

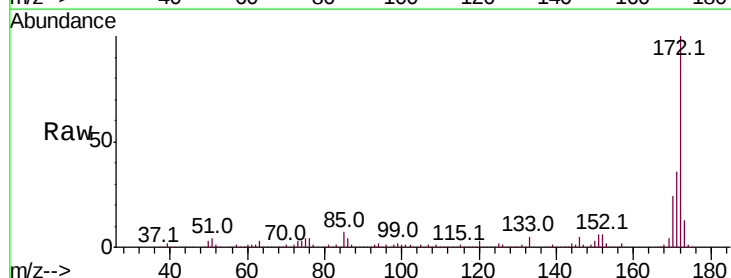
Tgt Ion:172 Resp: 1611681

Ion Ratio Lower Upper

172 100

171 36.3 30.7 46.1

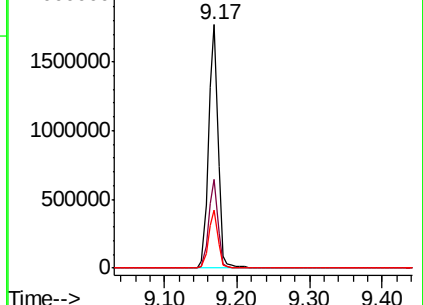
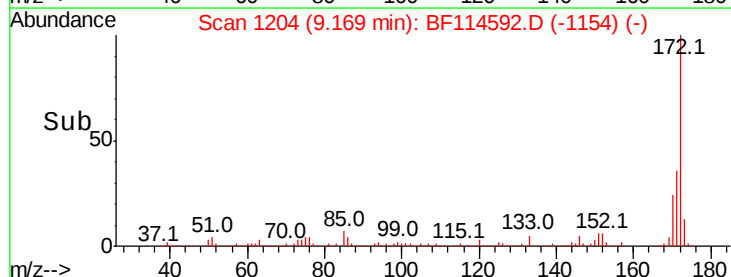
170 24.0 20.5 30.7

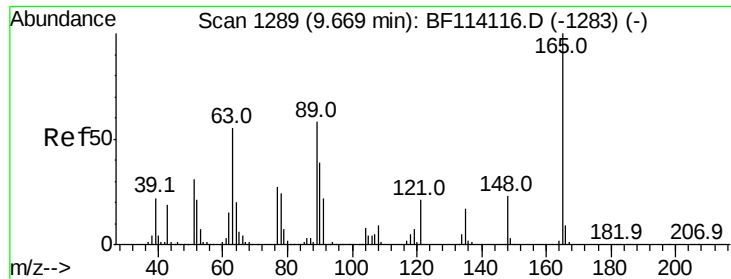


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

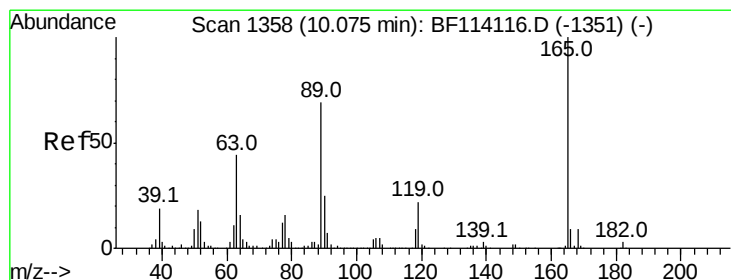
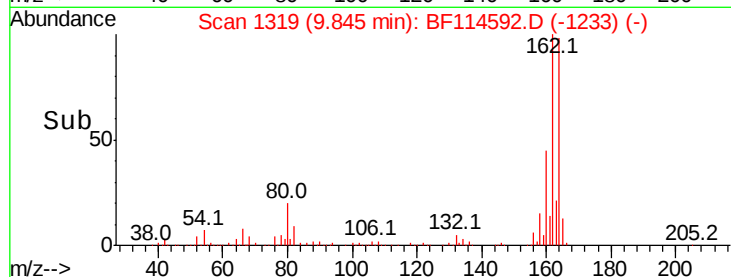
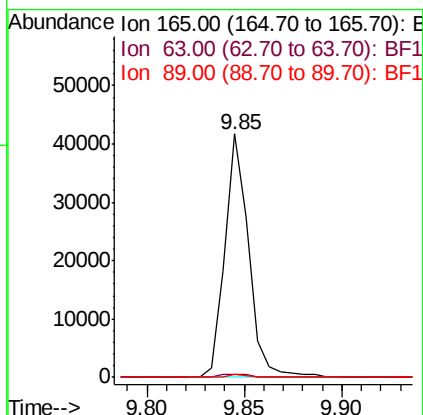
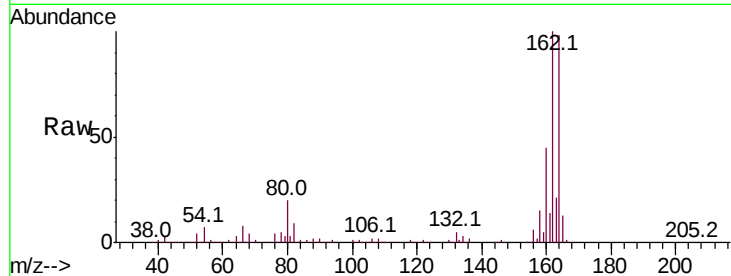




#51
 2,6-Dinitrotoluene
 Concen: 7.649 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF114592.D
 Acq: 25 May 2019 1:22

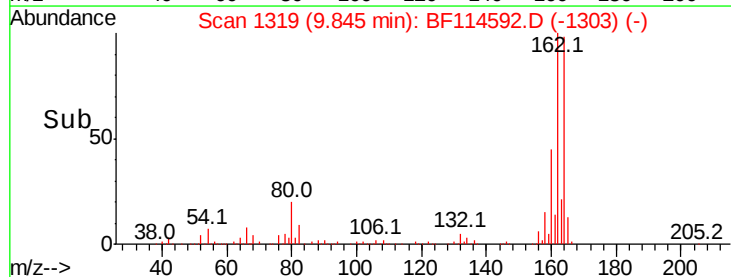
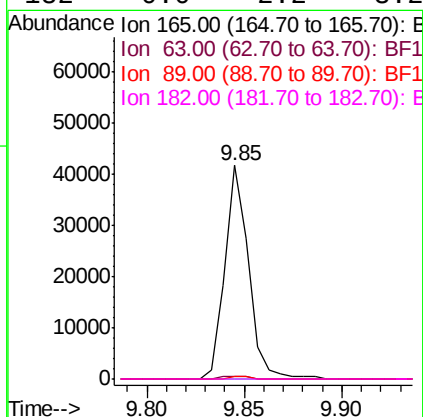
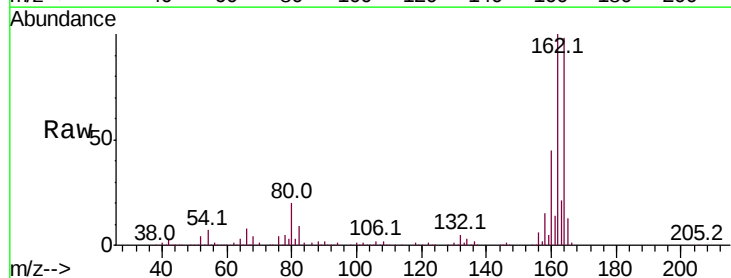
Instrument :
 BNA_F
 ClientSampled :
 TP-5-S

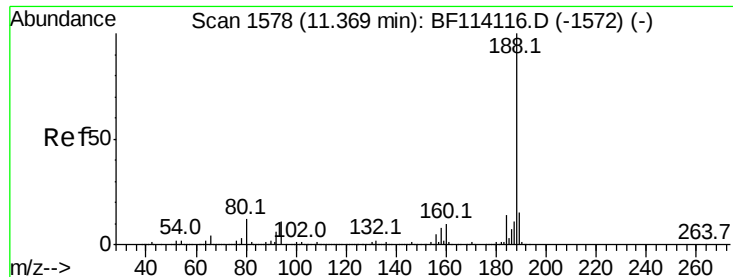
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	50.2	75.4#
89	1.4	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.635 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF114592.D
 Acq: 25 May 2019 1:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.5	53.3#
89	1.4	55.2	82.8#
182	0.0	2.2	3.2#

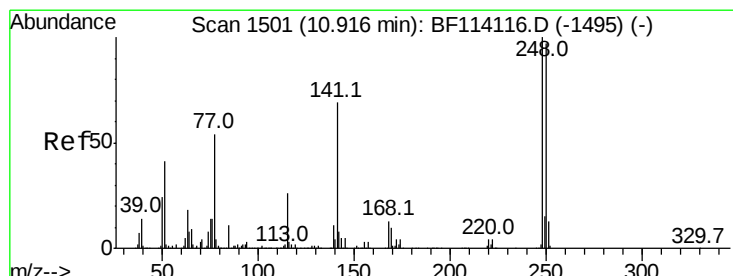
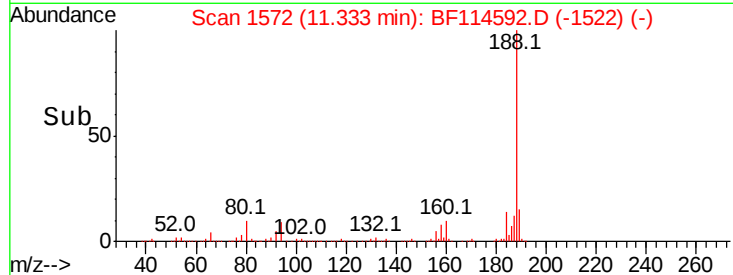
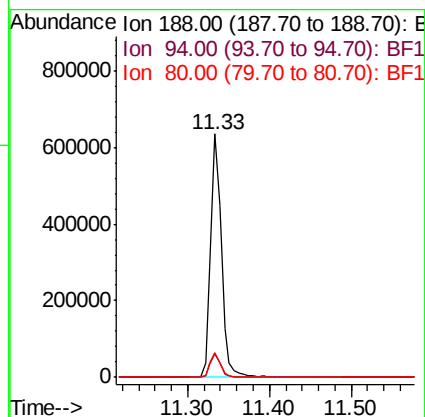
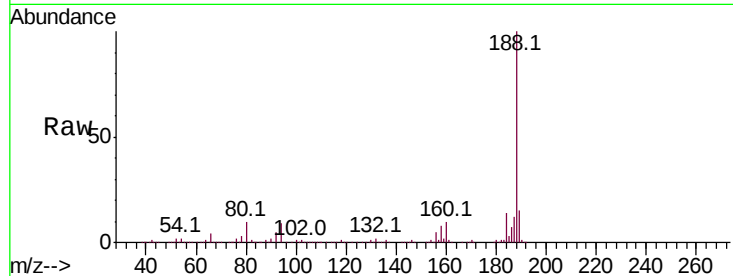




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF114592.D
Acq: 25 May 2019 1:22

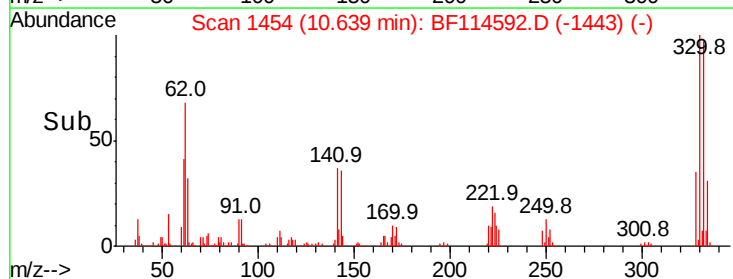
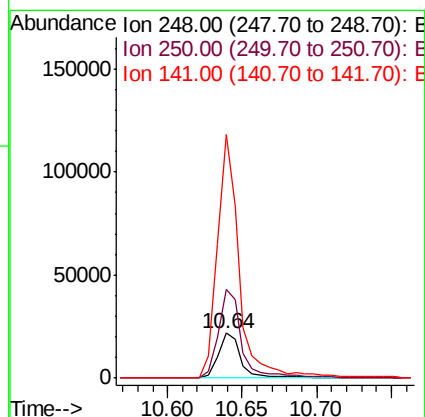
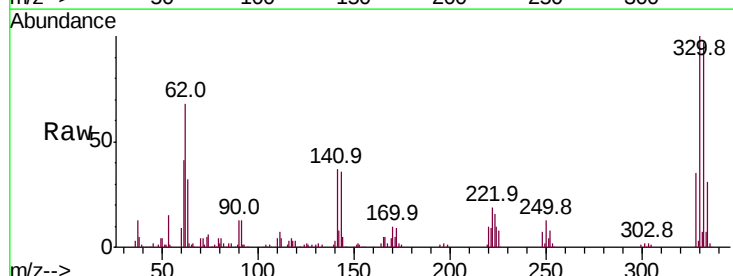
Instrument :
BNA_F
ClientSampleId :
TP-5-S

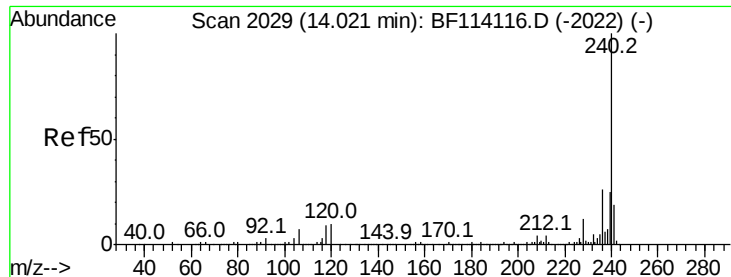
Tot Ion:188 Resp: 579203
Ion Ratio Lower Upper
188 100
94 9.4 8.4 12.6
80 10.3 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 3.701 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF114592.D
Acq: 25 May 2019 1:22

Tgt Ion:248 Resp: 23604
Ion Ratio Lower Upper
248 100
250 198.5 77.4 116.2#
141 545.0 55.6 83.4#

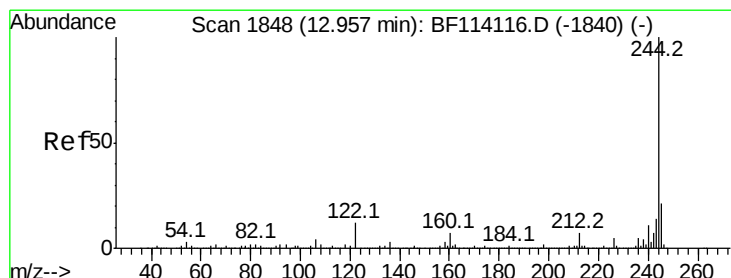
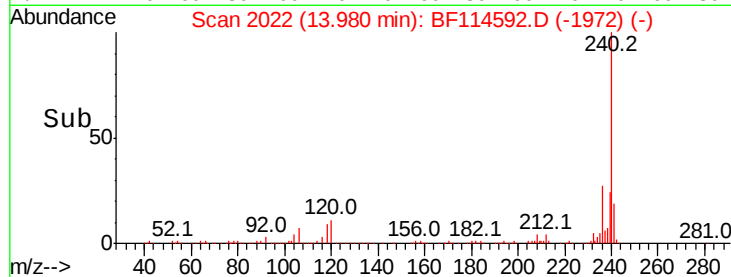
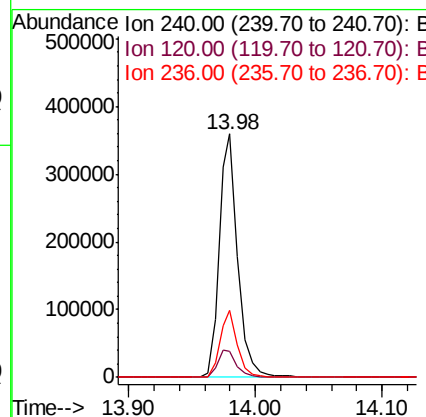
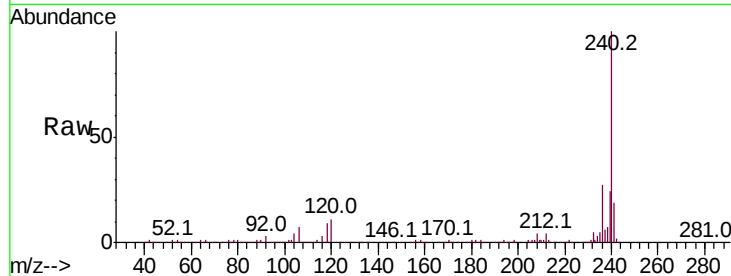




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114592.D
 Acq: 25 May 2019 1:22

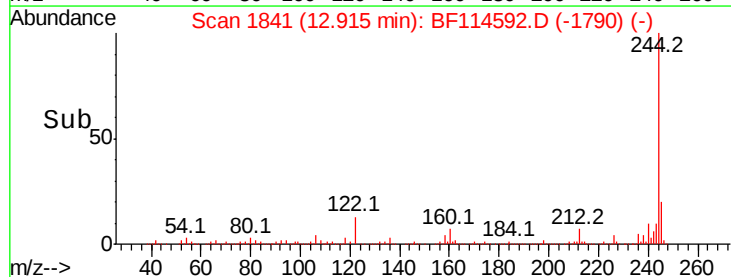
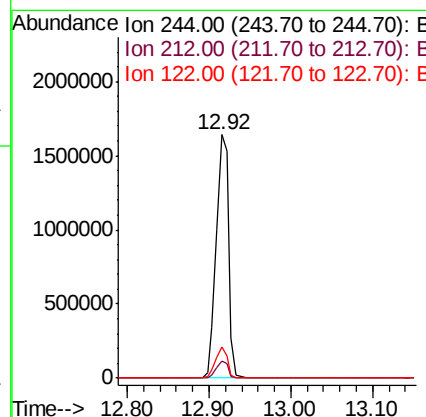
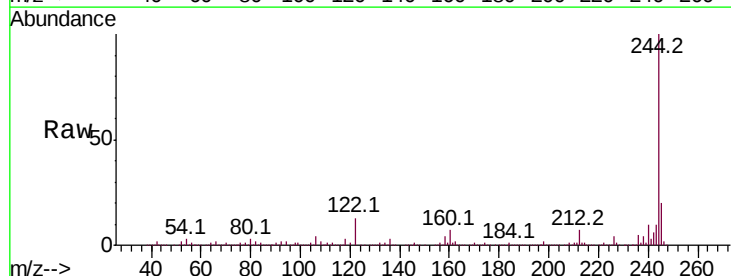
Instrument :
 BNA_F
 ClientSampleID :
 TP-5-S

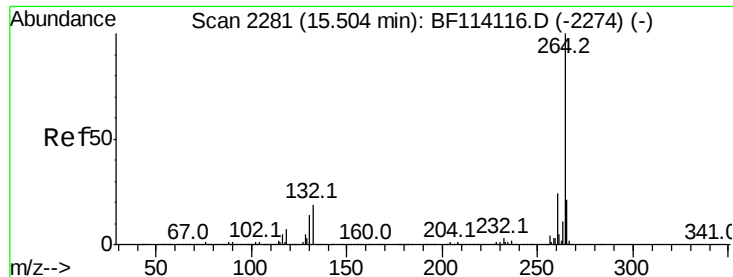
Tot Ion:240 Resp: 367723
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.3 12.5
 236 27.4 20.8 31.2



#79
 Terphenyl-d14
 Concen: 96.568 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF114592.D
 Acq: 25 May 2019 1:22

Tgt Ion:244 Resp: 1722601
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 13.0 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF114592.D
Acq: 25 May 2019 1:22

Instrument :
BNA_F
ClientSampleId :
TP-5-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.0
265	21.7	16.9	25.3

