

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114582.D
 Acq On : 24 May 2019 20:58
 Operator : JU/SJ
 Sample : K3019-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-1465

Quant Time: May 24 22:37:37 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

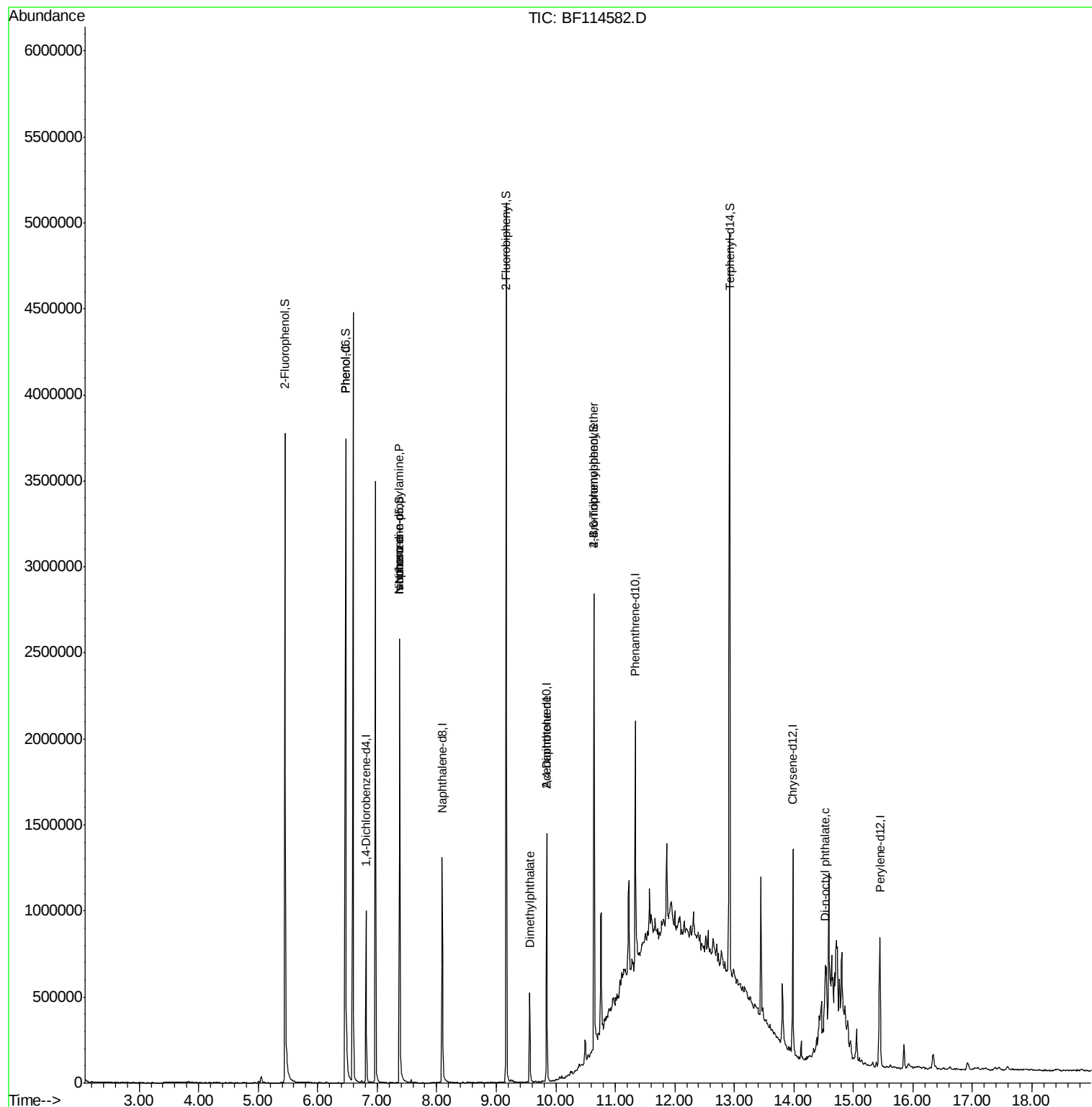
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	155732	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	593454	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	282118	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	540132	20.00	ng	0.00
76) Chrysene-d12	13.98	240	367947	20.00	ng	0.00
87) Perylene-d12	15.44	264	371521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1129078	116.67	ng	0.00
7) Phenol-d6	6.47	99	1476642	129.01	ng	0.00
23) Nitrobenzene-d5	7.37	82	882479	83.45	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	340954	116.90	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1528689	81.97	ng	0.00
79) Terphenyl-d14	12.92	244	1530109	85.72	ng	0.00
Target Compounds						
10) Phenol	6.47	94	28184	2.093	ng	# 65
19) n-Nitroso-di-n-propylamine	7.37	70	116599	16.072	ng	# 75
25) Isophorone	7.37	82	882470	44.997	ng	# 64
50) Dimethylphthalate	9.56	163	216159	10.437	ng	# 99
57) 2,4-Dinitrotoluene	9.85	165	35758	5.735	ng	# 25
67) 4-Bromophenyl-phenylether	10.65	248	22124	3.720	ng	# 1
85) Di-n-octyl phthalate	14.53	149	253270	9.588	ng	# 54

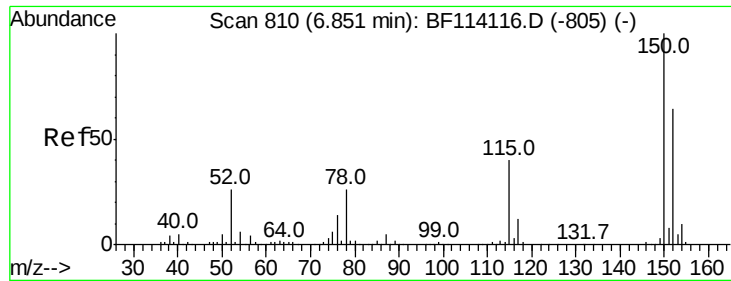
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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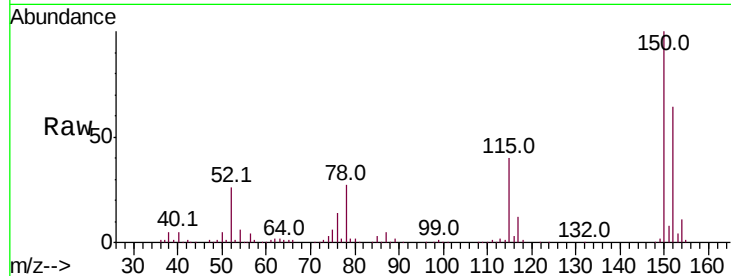


#1

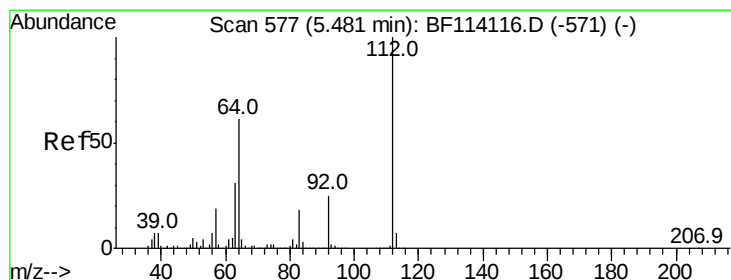
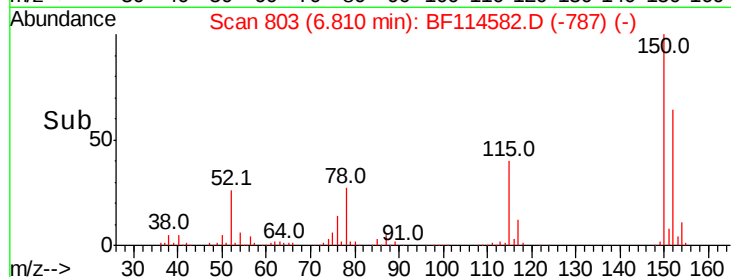
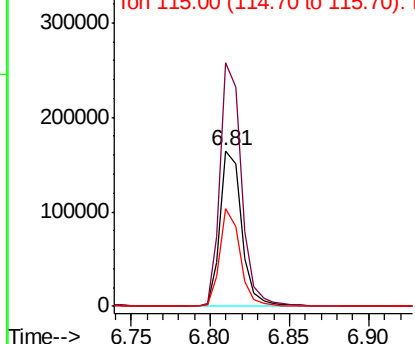
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114582.D
Acq: 24 May 2019 20:58

Instrument :
BNA_F
ClientSampleId :
RT-1465

Tot Ion:152 Resp: 155732
Ion Ratio Lower Upper
152 100
150 156.7 124.3 186.5
115 63.1 49.1 73.7



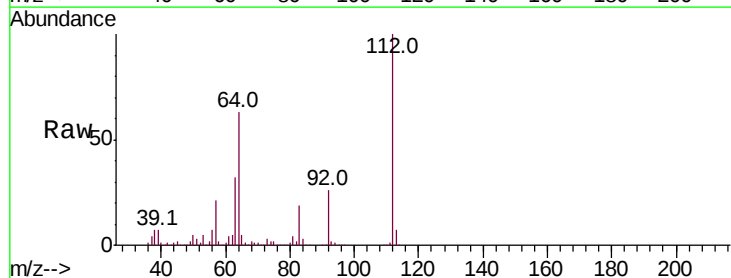
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



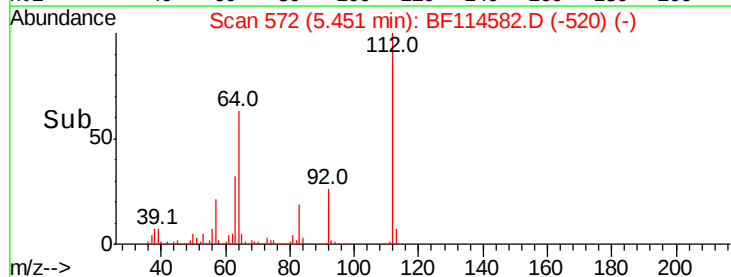
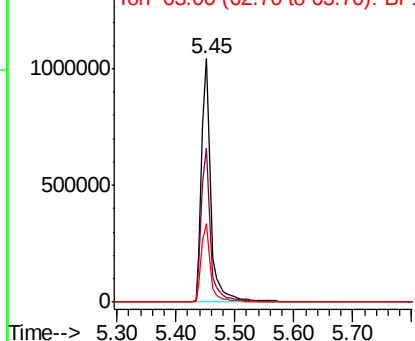
#5

2-Fluorophenol
Concen: 116.674 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF114582.D
Acq: 24 May 2019 20:58

Tgt Ion:112 Resp: 1129078
Ion Ratio Lower Upper
112 100
64 63.0 49.0 73.6
63 32.1 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: 129.014 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF114582.D

Acq: 24 May 2019 20:58

Instrument :

BNA_F

ClientSampleId :

RT-1465

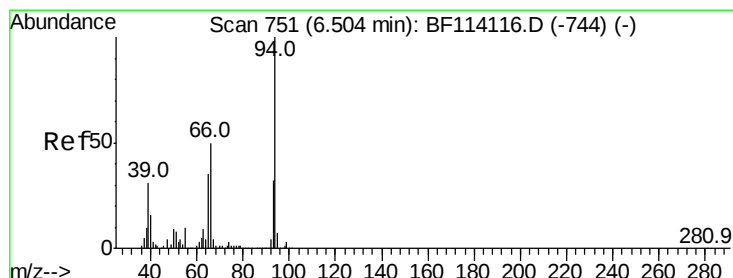
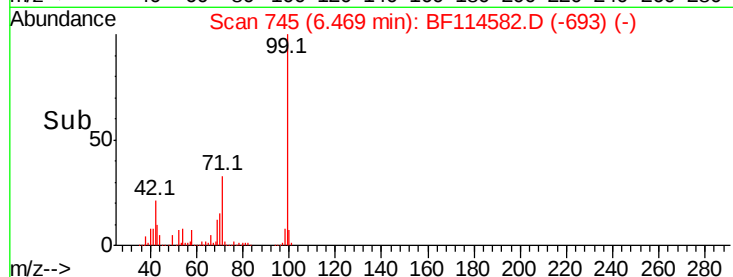
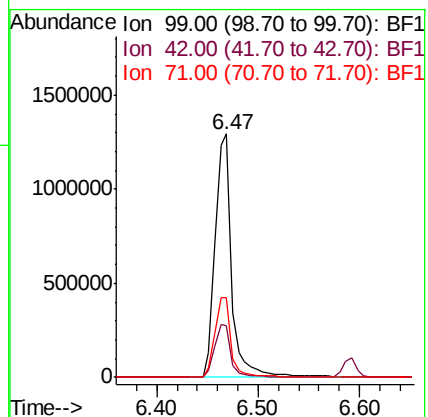
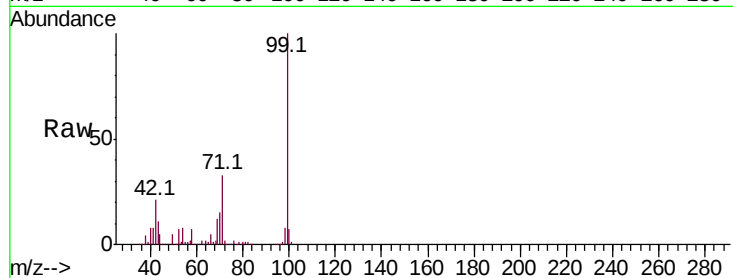
Tot Ion: 99 Resp: 1476642

Ion Ratio Lower Upper

99 100

42 21.0 17.9 26.9

71 32.6 26.2 39.2



#10

Phenol

Concen: 2.093 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF114582.D

Acq: 24 May 2019 20:58

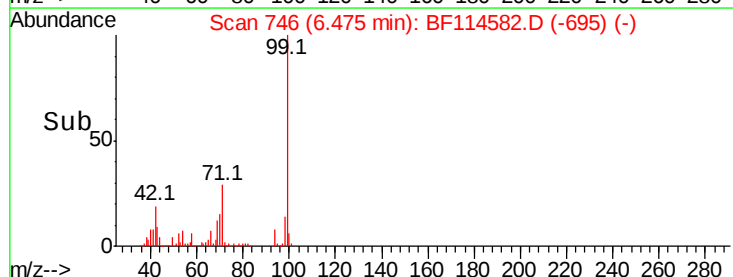
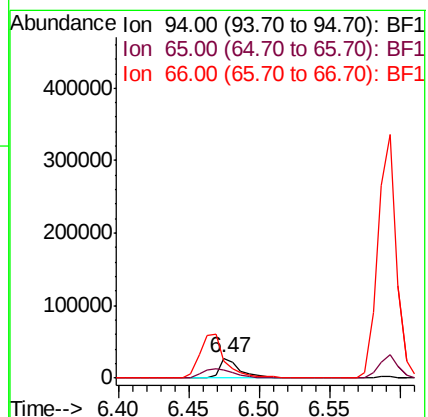
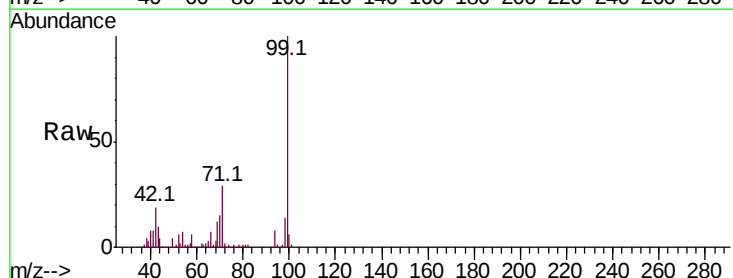
Tgt Ion: 94 Resp: 28184

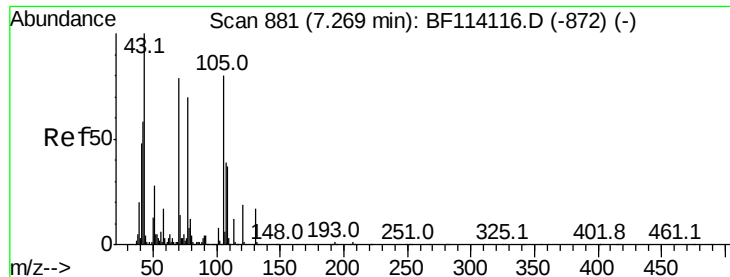
Ion Ratio Lower Upper

94 100

65 38.0 14.7 54.7

66 88.0 29.6 69.6#

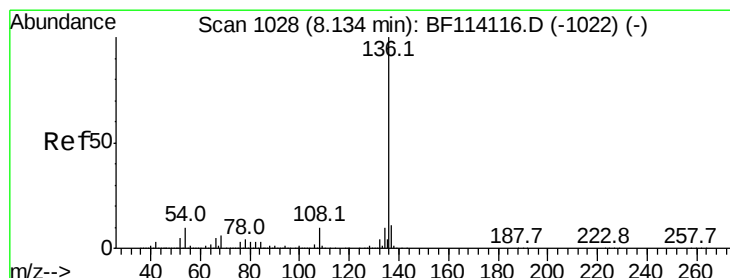
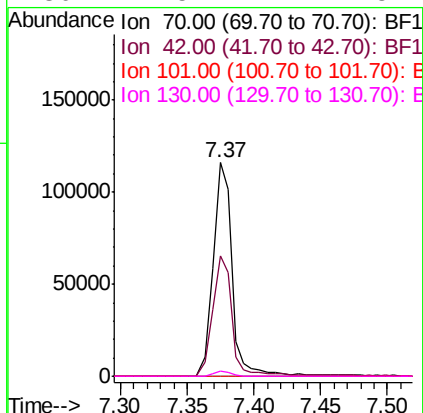
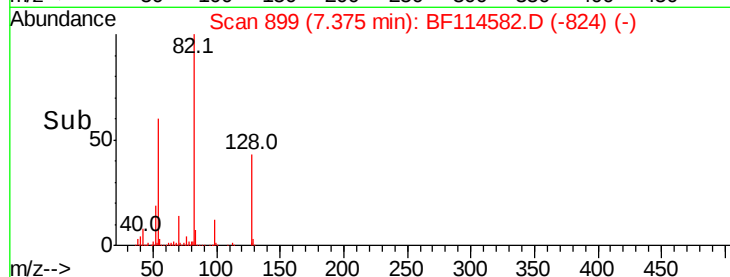
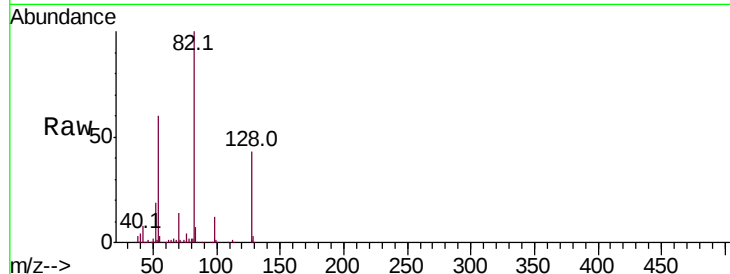




#19
n-Nitroso-di-n-propylamine
Concen: 16.072 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF114582.D
Acq: 24 May 2019 20:58

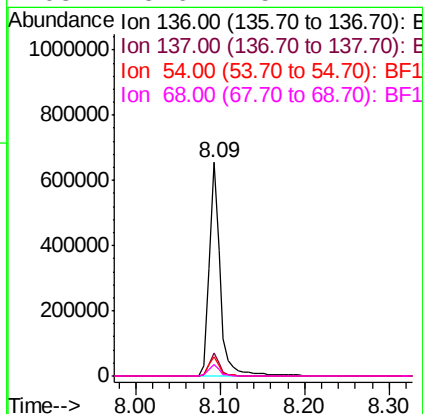
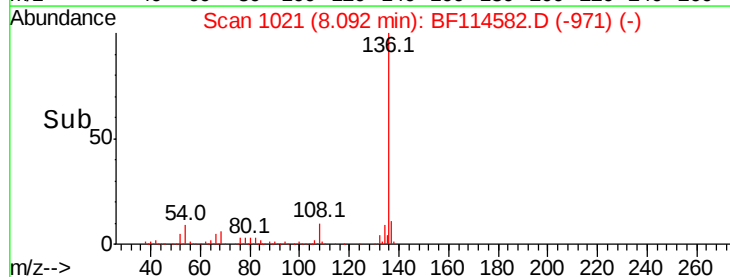
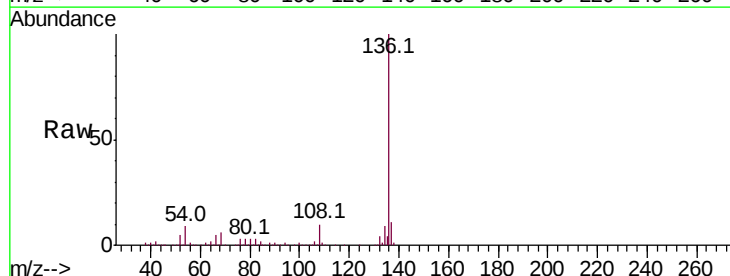
Instrument :
BNA_F
ClientSampleId :
RT-1465

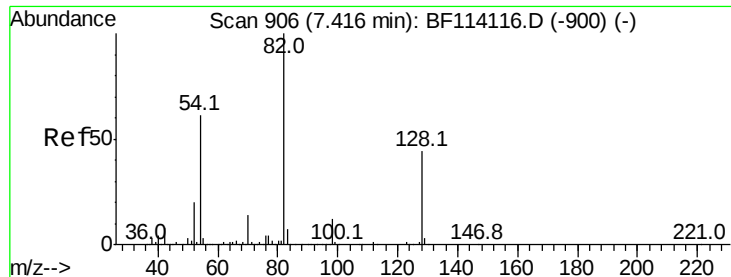
Tot Ion: 70 Resp: 116599
Ion Ratio Lower Upper
70 100
42 56.5 58.6 87.8#
101 0.0 7.8 11.8#
130 2.5 17.1 25.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114582.D
Acq: 24 May 2019 20:58

Tgt Ion: 136 Resp: 593454
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.2 7.8 11.8
68 5.6 5.1 7.7

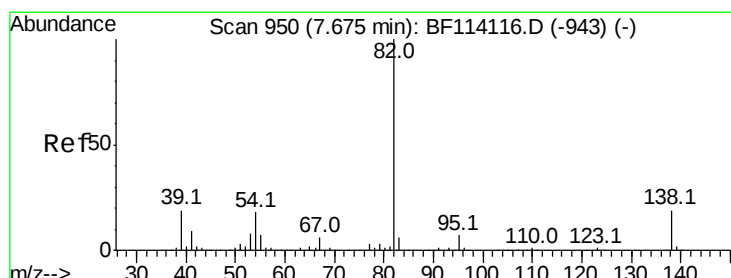
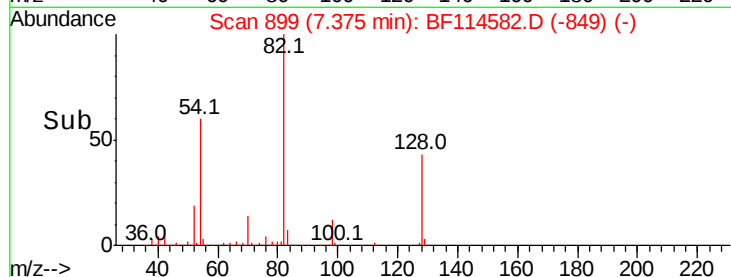
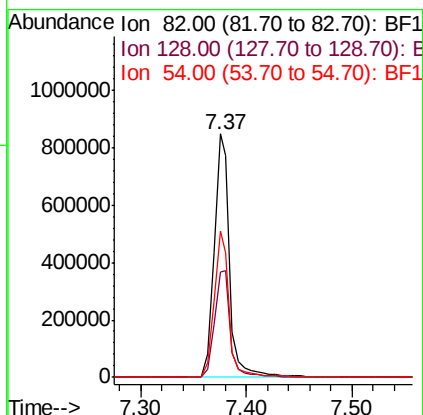
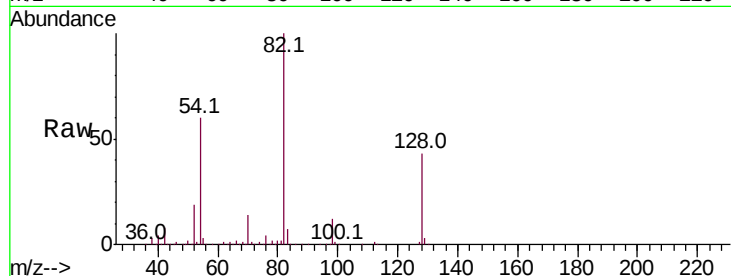




#23
 Nitrobenzene-d5
 Concen: 83.452 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF114582.D
 Acq: 24 May 2019 20:58

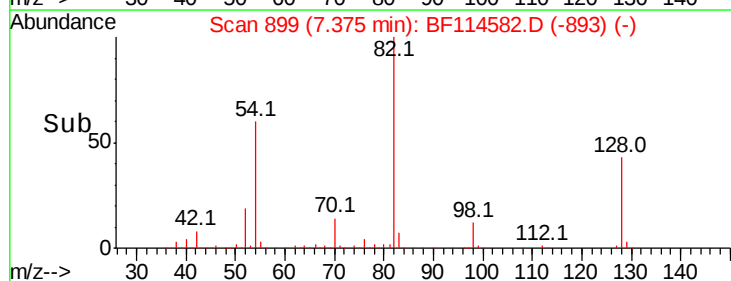
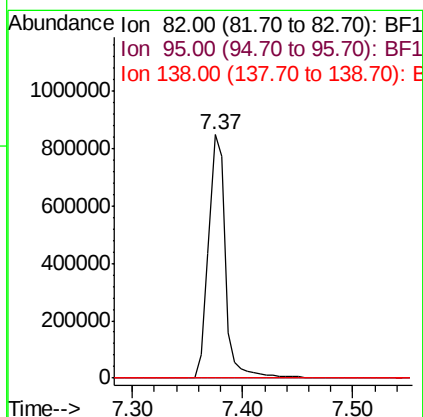
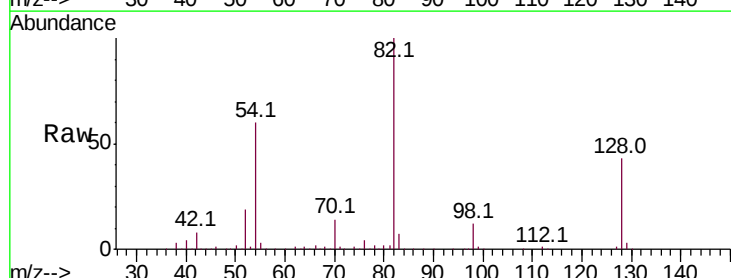
Instrument :
 BNA_F
 ClientSampleId :
 RT-1465

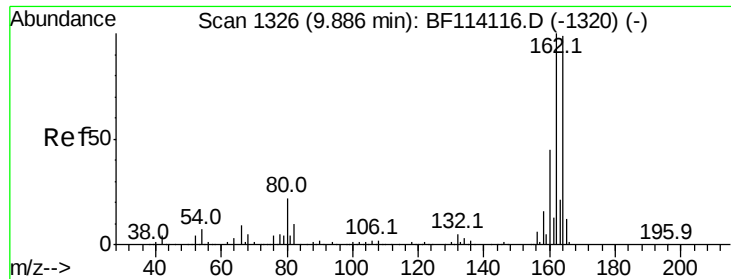
Tot Ion: 82 Resp: 882479
 Ion Ratio Lower Upper
 82 100
 128 43.5 35.5 53.3
 54 60.2 48.5 72.7



#25
 Isophorone
 Concen: 44.997 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.26 min
 Lab File: BF114582.D
 Acq: 24 May 2019 20:58

Tgt Ion: 82 Resp: 882470
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.8 22.2#

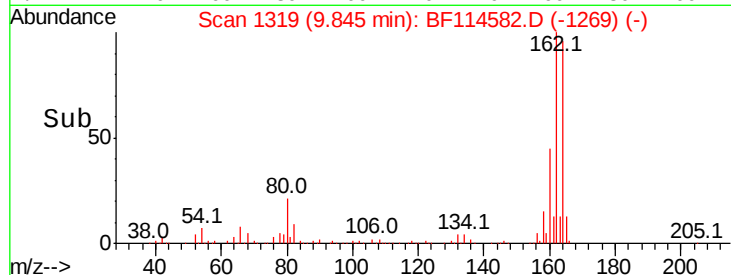
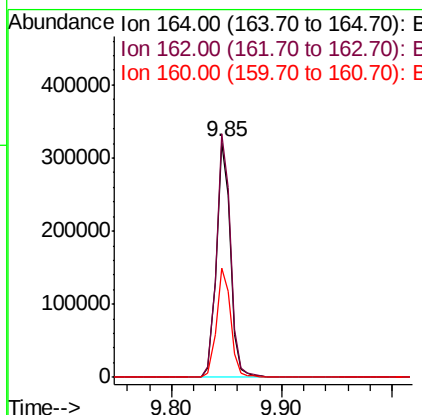
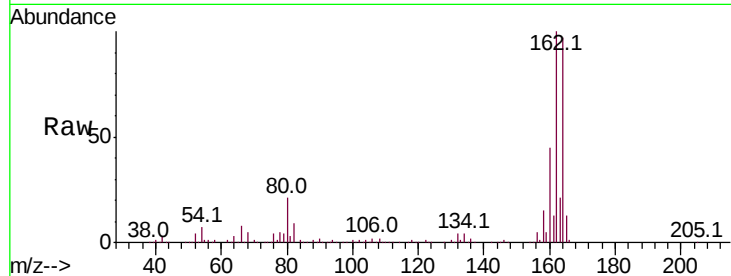




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF114582.D
 Acq: 24 May 2019 20:58

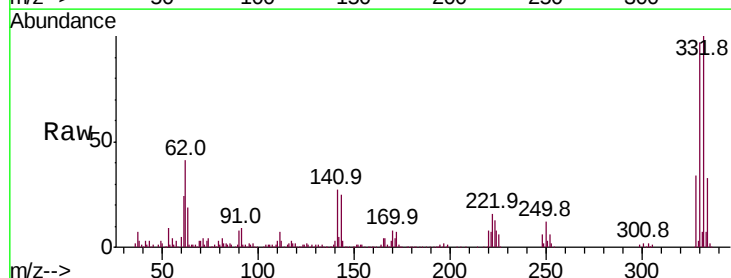
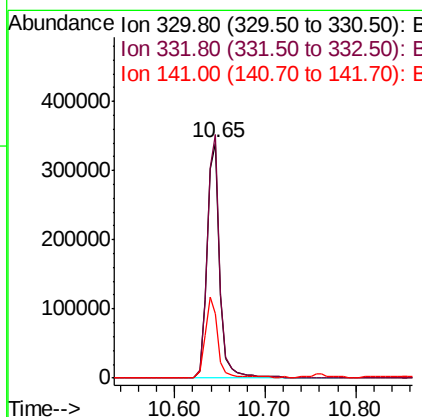
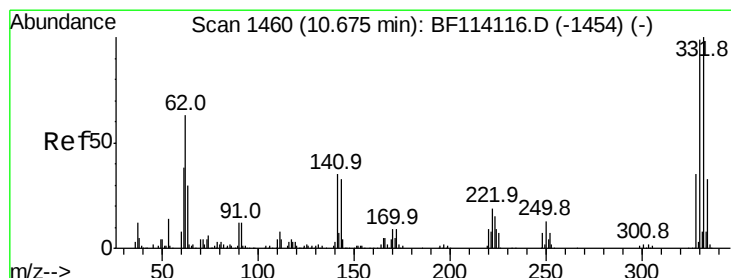
Instrument :
 BNA_F
 ClientSampleId :
 RT-1465

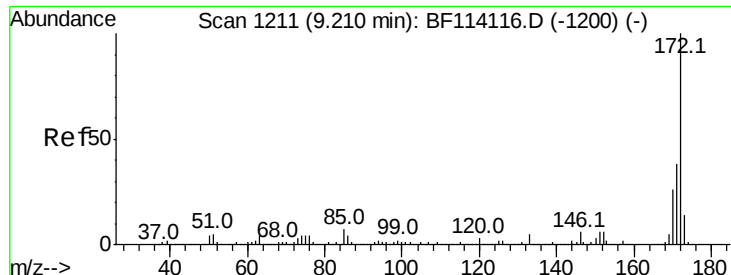
Tot Ion:164 Resp: 282118
 Ion Ratio Lower Upper
 164 100
 162 103.6 80.6 120.8
 160 46.4 36.5 54.7



#42
 2,4,6-Tribromophenol
 Concen: 116.900 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF114582.D
 Acq: 24 May 2019 20:58

Tgt Ion:330 Resp: 340954
 Ion Ratio Lower Upper
 330 100
 332 102.2 81.4 122.2
 141 33.6 26.6 40.0



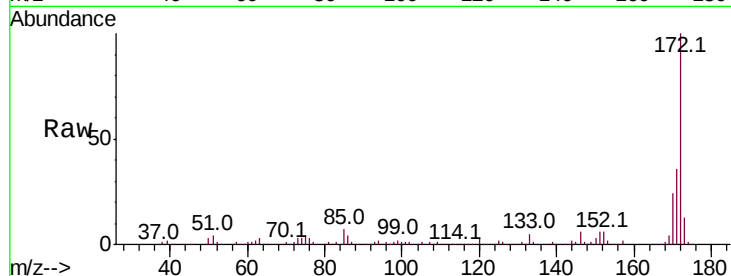


#45
 2-Fluorobiphenyl
 Concen: 81.966 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114582.D
 Acq: 24 May 2019 20:58

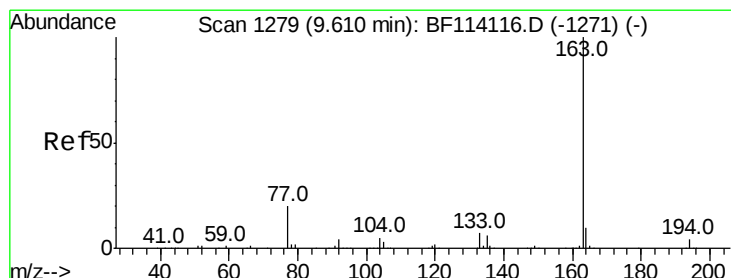
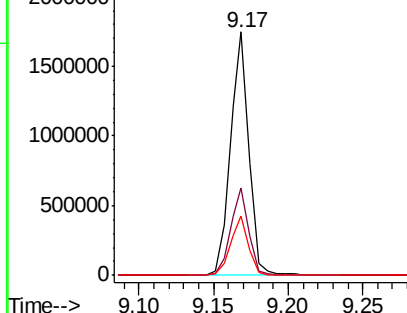
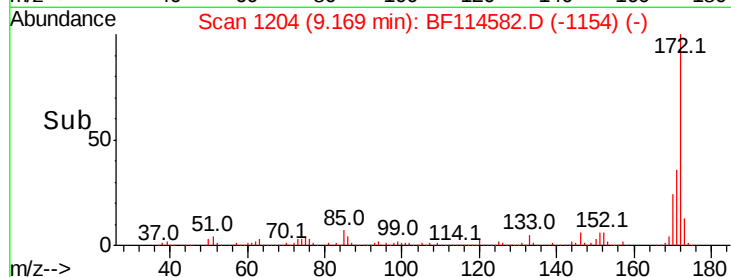
Instrument :
 BNA_F
 ClientSampleId :
 RT-1465

Tot Ion:172 Resp: 1528689

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.7	46.1
170	24.3	20.5	30.7



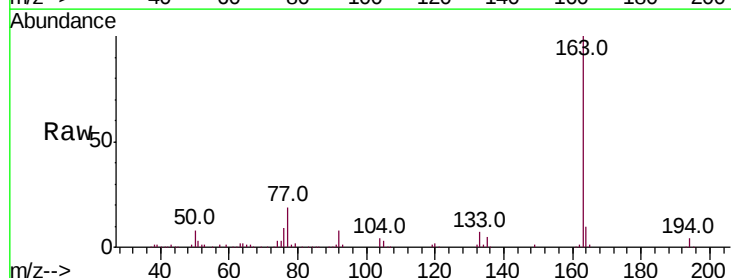
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



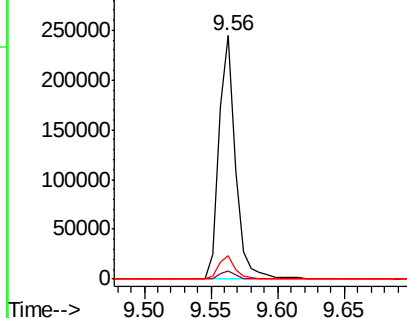
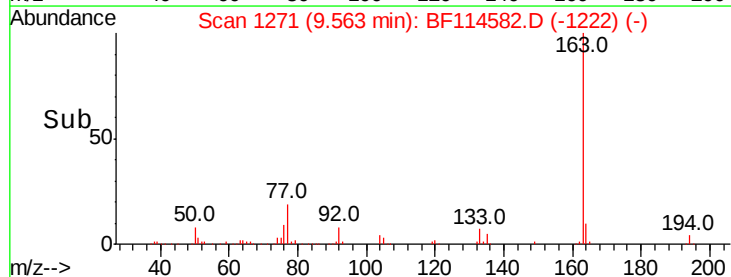
#50
 Dimethylphthalate
 Concen: 10.437 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BF114582.D
 Acq: 24 May 2019 20:58

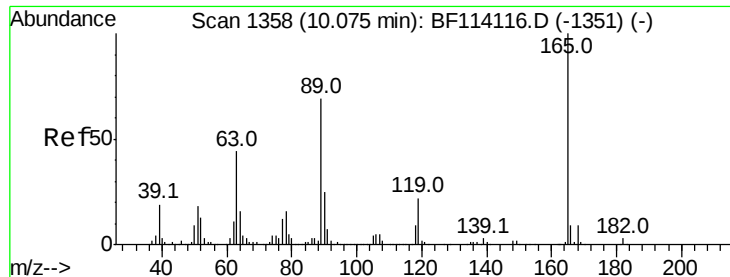
Tgt Ion:163 Resp: 216159

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.4	5.0
164	9.8	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

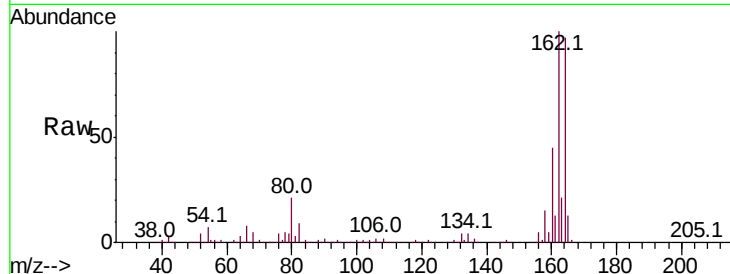




#57
 2,4-Dinitrotoluene
 Concen: 5.735 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF114582.D
 Acq: 24 May 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 RT-1465

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.5	53.3#
89	0.9	55.2	82.8#
182	0.0	2.2	3.2#

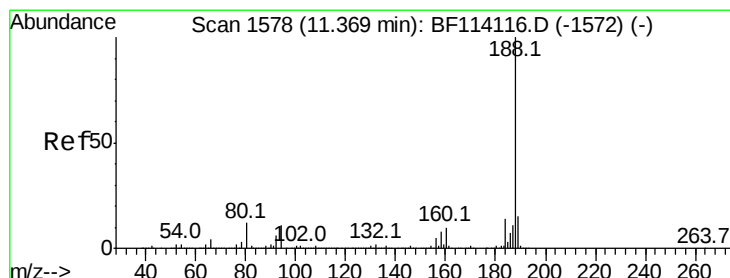
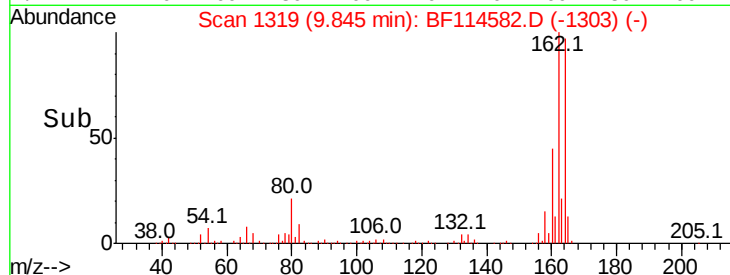
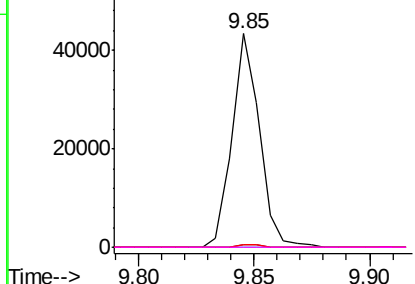


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

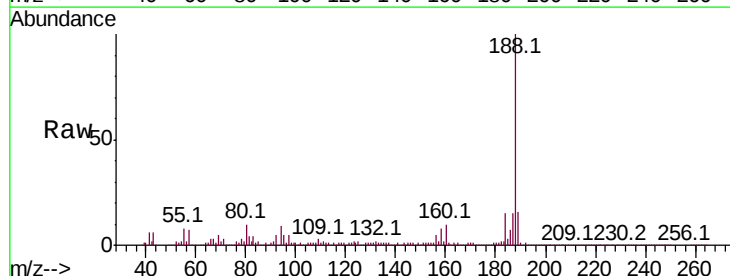
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF114582.D
 Acq: 24 May 2019 20:58

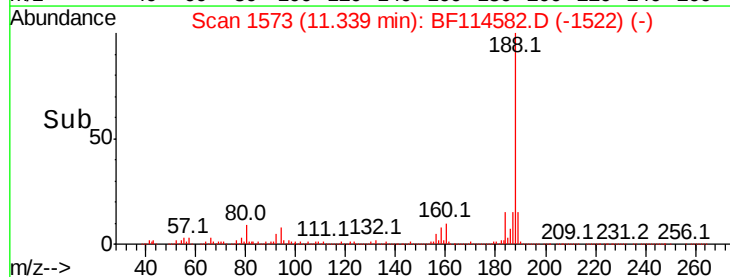
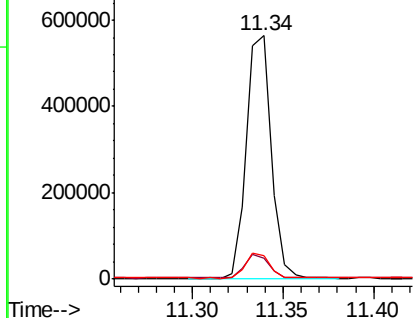
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.4	12.6
80	9.8	9.2	13.8

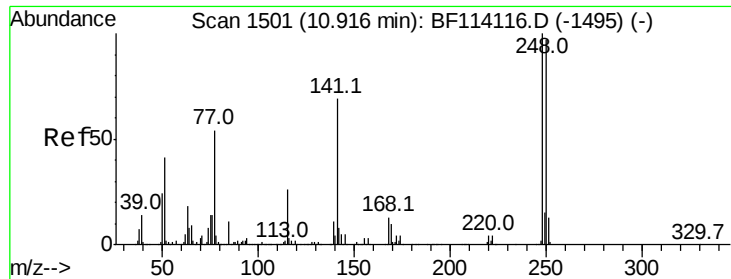


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

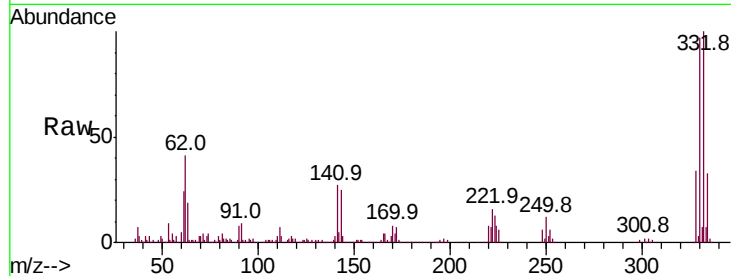




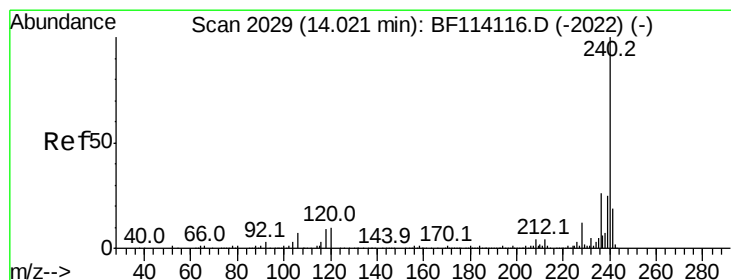
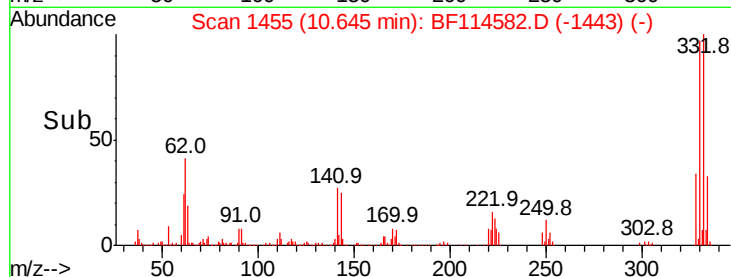
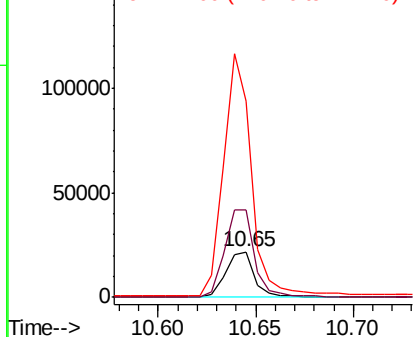
#67
4-Bromophenyl-phenylether
Concen: 3.720 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.23 min
Lab File: BF114582.D
Acq: 24 May 2019 20:58

Instrument :
BNA_F
ClientSampleId :
RT-1465

Tot Ion:248 Resp: 22124
Ion Ratio Lower Upper
248 100
250 192.7 77.4 116.2#
141 433.5 55.6 83.4#

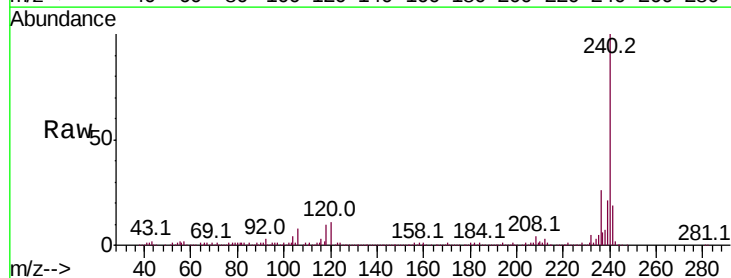


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

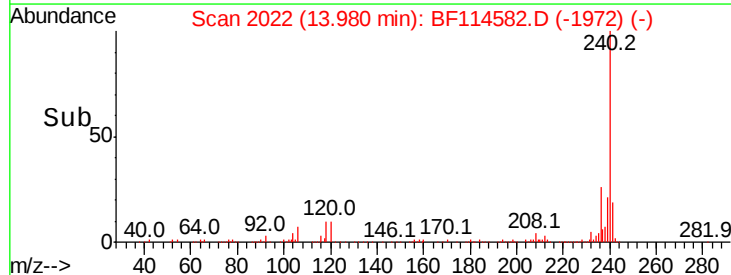
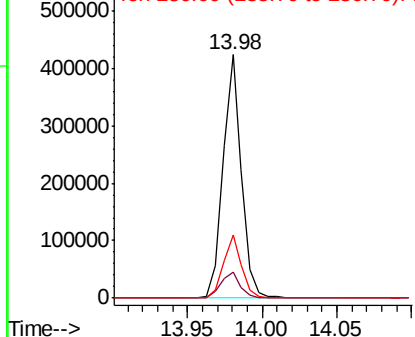


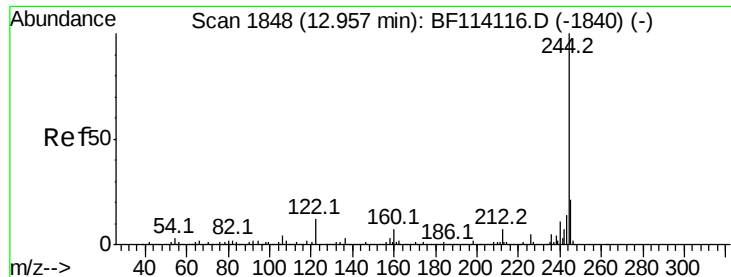
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF114582.D
Acq: 24 May 2019 20:58

Tgt Ion:240 Resp: 367947
Ion Ratio Lower Upper
240 100
120 10.6 8.3 12.5
236 26.0 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: 85.725 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF114582.D

Acq: 24 May 2019 20:58

Instrument :

BNA_F

ClientSampleId :

RT-1465

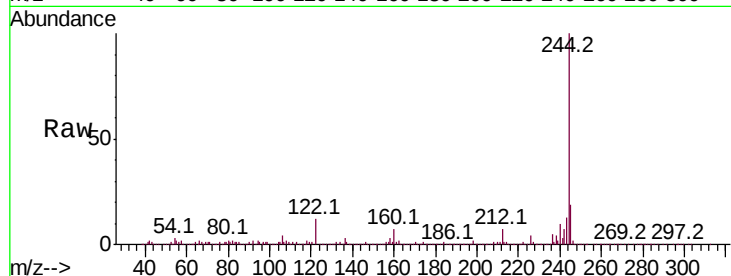
Tot Ion:244 Resp: 1530109

Ion Ratio Lower Upper

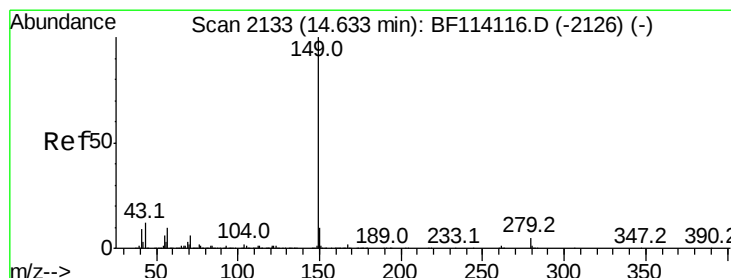
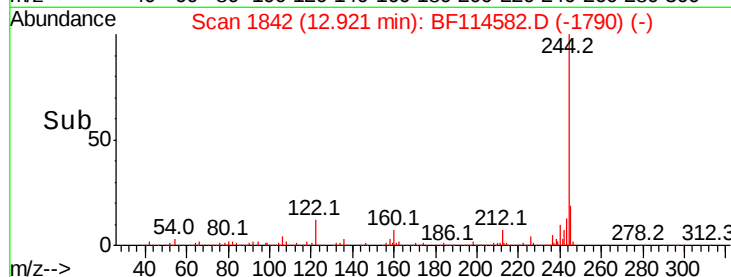
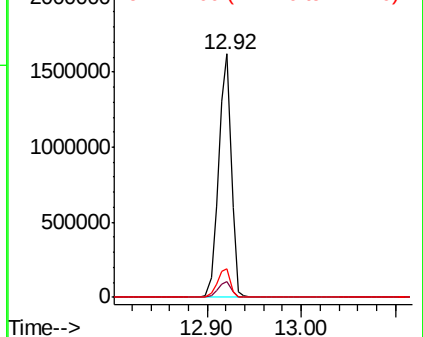
244 100

212 6.7 5.8 8.6

122 11.7 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



#85

Di-n-octyl phthalate

Concen: 9.588 ng

RT: 14.53 min Scan# 2116

Delta R.T. -0.03 min

Lab File: BF114582.D

Acq: 24 May 2019 20:58

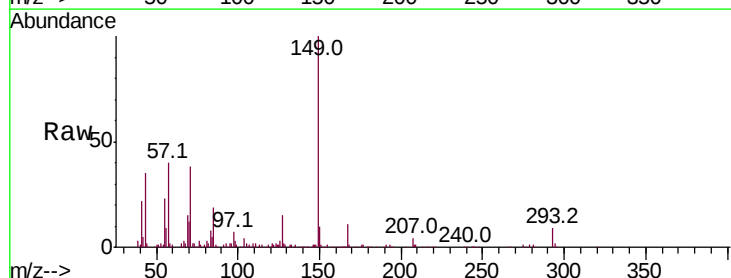
Tgt Ion:149 Resp: 253270

Ion Ratio Lower Upper

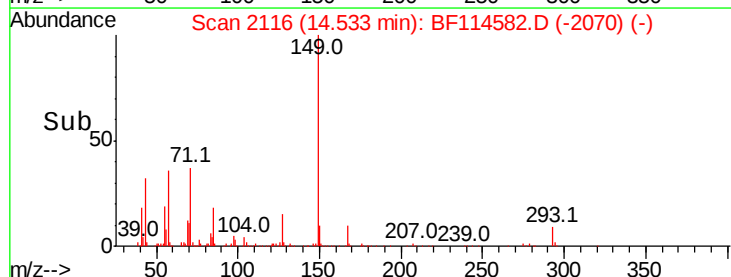
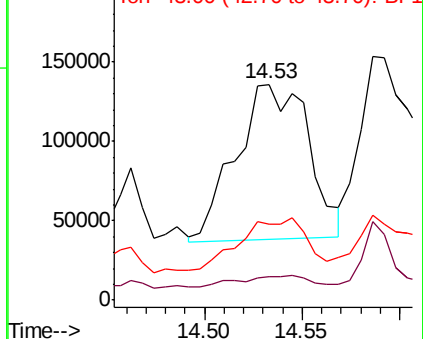
149 100

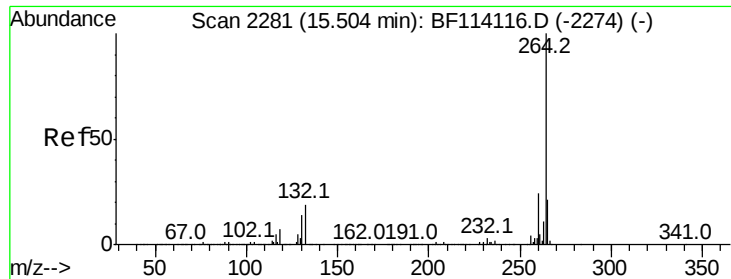
167 6.6 1.3 1.9#

43 32.5 10.1 15.1#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

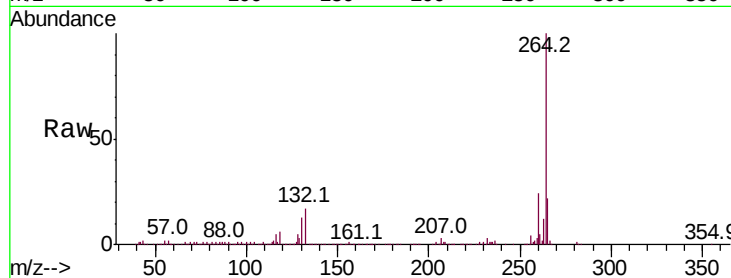




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF114582.D
 Acq: 24 May 2019 20:58

Instrument :
 BNA_F
 ClientSampleId :
 RT-1465

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.9	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

