

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF053119\
 Data File : BF114737.D
 Acq On : 1 Jun 2019 4:59
 Operator : HP/JU
 Sample : K3074-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3B-D

Quant Time: Jun 01 06:36:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	460219	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1648464	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	758736	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1237284	20.00	ng	0.00
76) Chrysene-d12	13.81	240	828404	20.00	ng	0.00
87) Perylene-d12	15.20	264	759079	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	2555428	97.49	ng	0.03
7) Phenol-d6	6.34	99	2770651	87.71	ng	0.01
23) Nitrobenzene-d5	7.26	82	2163930	81.90	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	804869	111.33	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3597222	90.00	ng	0.00
79) Terphenyl-d14	12.78	244	3118048	70.77	ng	0.00

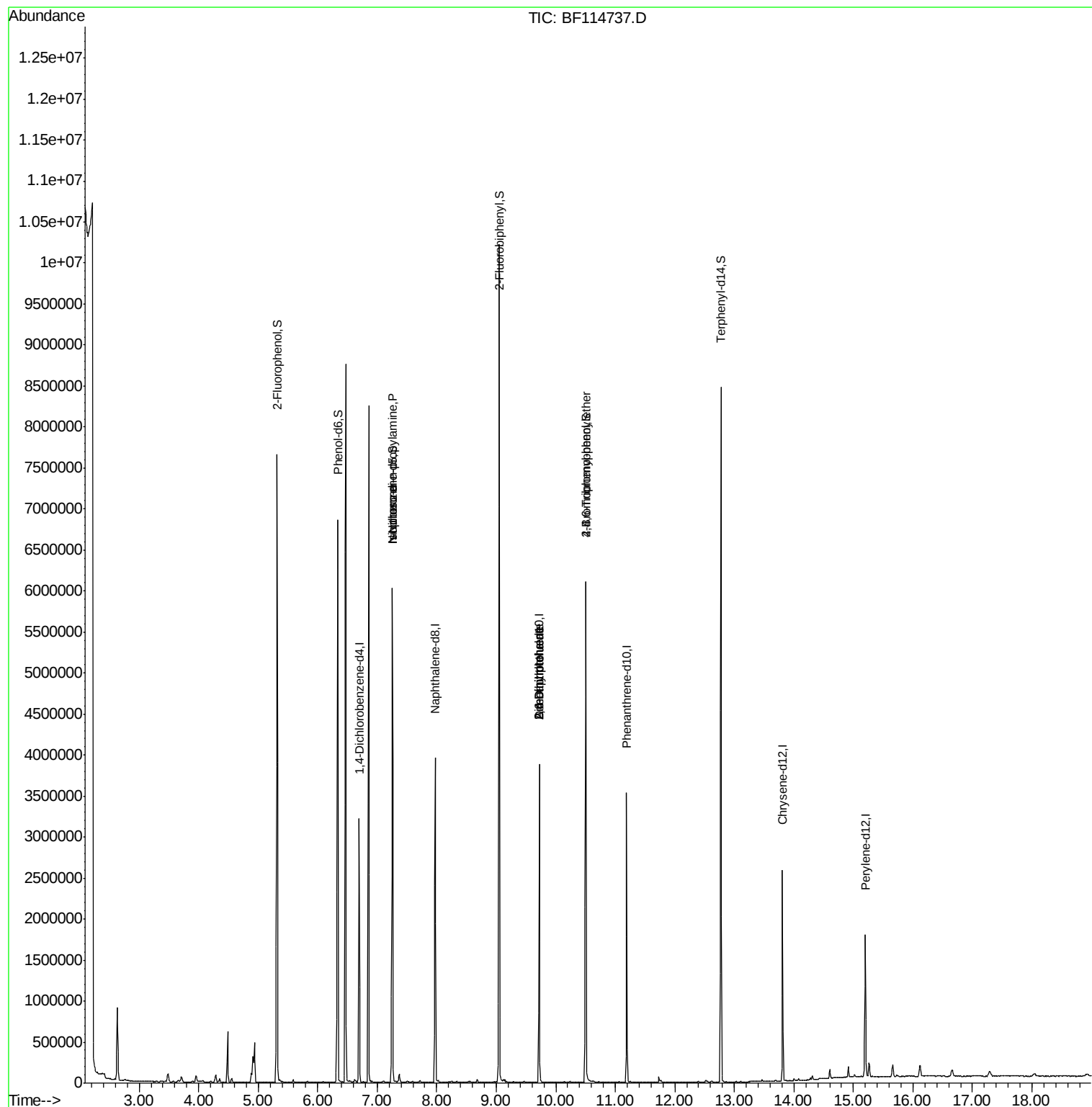
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.34	77	4547	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	296887	13.617	ng	# 75
25) Isophorone	7.26	82	2129036	40.151	ng	# 63
50) Dimethylphthalate	9.72	163	215947	4.084	ng	# 1
51) 2,6-Dinitrotoluene	9.72	165	98613	8.027	ng	# 31
57) 2,4-Dinitrotoluene	9.72	165	98613	6.255	ng	# 23
58) Fluorene	10.26	166	1274	Below Cal	#	69
67) 4-Bromophenyl-phenylether	10.50	248	52904	3.987	ng	# 1
74) Di-n-butylphthalate	11.76	149	7944	Below Cal		97

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

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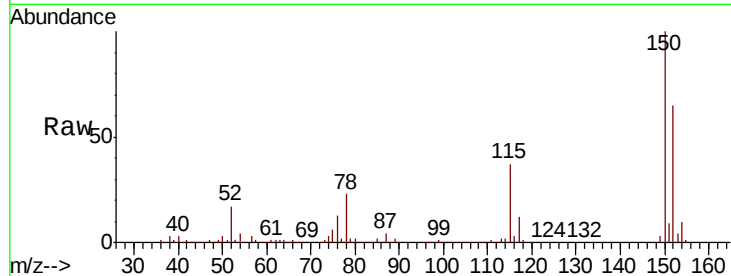




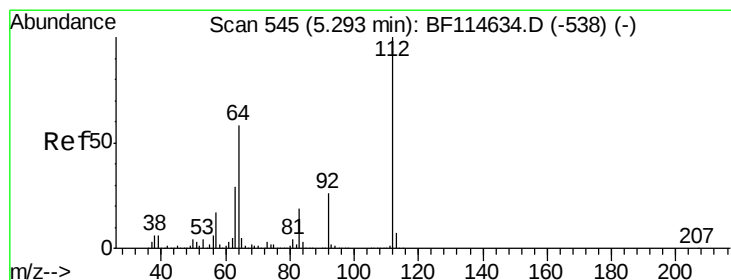
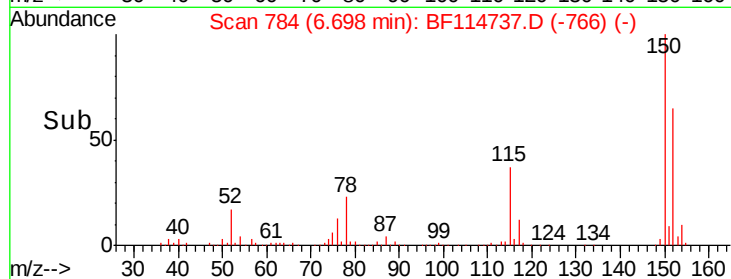
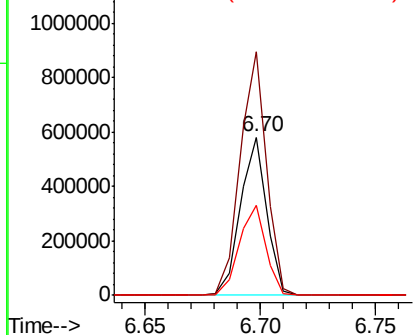
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF114737.D
 Acq: 1 Jun 2019 4:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-3B-D

Tgt Ion:152 Resp: 460219
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.4 186.6
 115 57.0 48.7 73.1

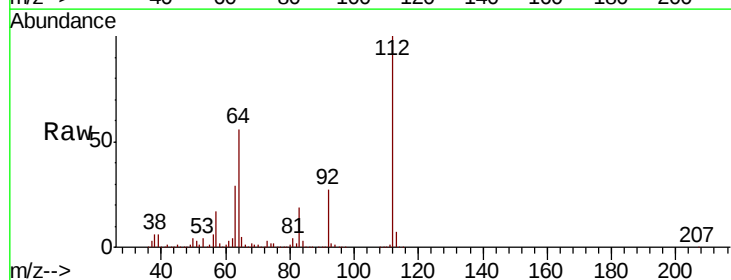


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

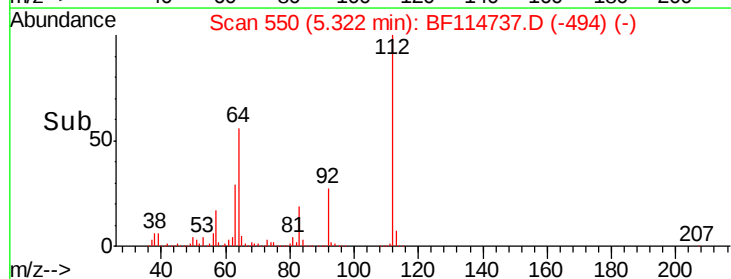
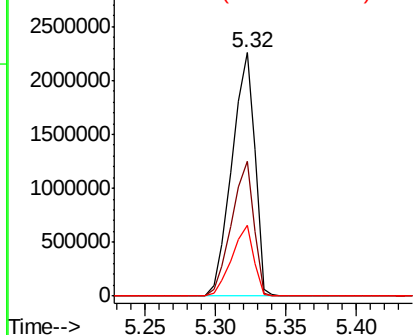


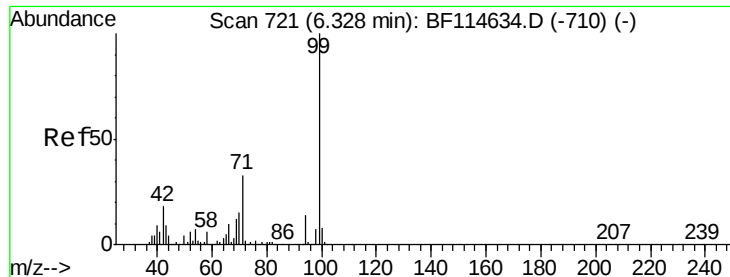
#5
 2-Fluorophenol
 Concen: 97.488 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.03 min
 Lab File: BF114737.D
 Acq: 1 Jun 2019 4:59

Tgt Ion:112 Resp: 2555428
 Ion Ratio Lower Upper
 112 100
 64 55.6 46.1 69.1
 63 29.2 23.4 35.2



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: 87.714 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF114737.D

Acq: 1 Jun 2019 4:59

Instrument :

BNA_F

ClientSampleId :

TP-3B-D

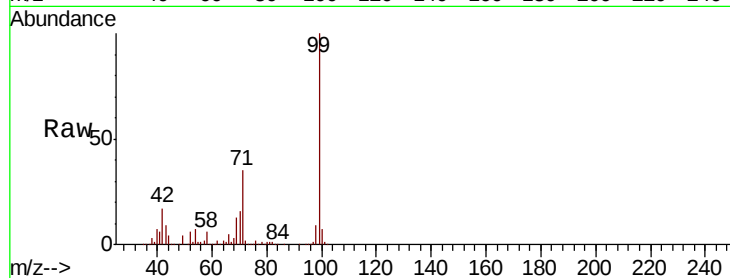
Tgt Ion: 99 Resp: 2770651

Ion Ratio Lower Upper

99 100

42 17.0 14.7 22.1

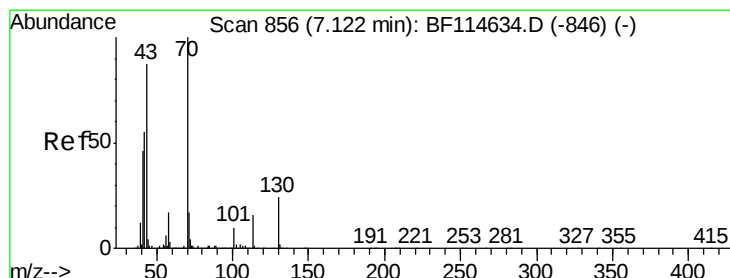
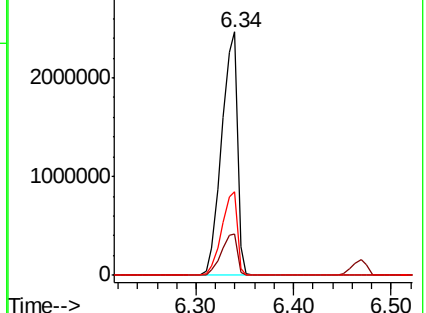
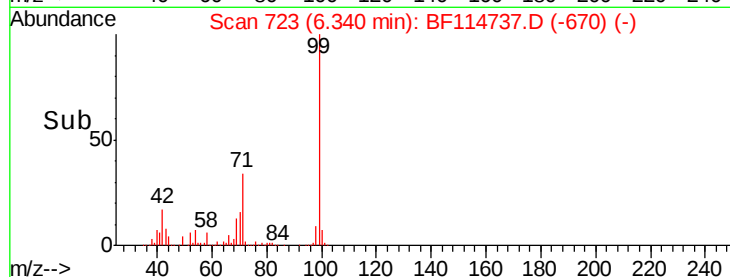
71 34.5 26.6 40.0



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: 13.617 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF114737.D

Acq: 1 Jun 2019 4:59

Tgt Ion: 70 Resp: 296887

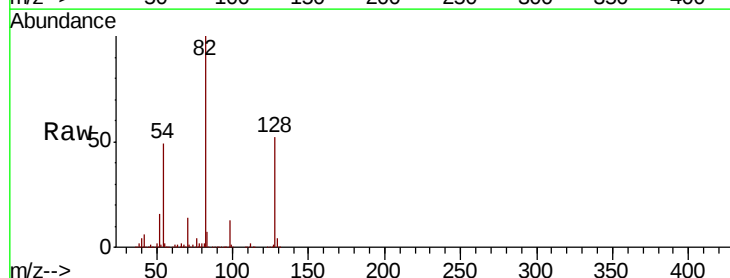
Ion Ratio Lower Upper

70 100

42 44.0 44.4 66.6#

101 0.0 8.2 12.4#

130 2.3 19.4 29.0#

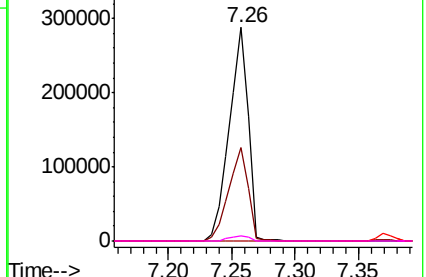
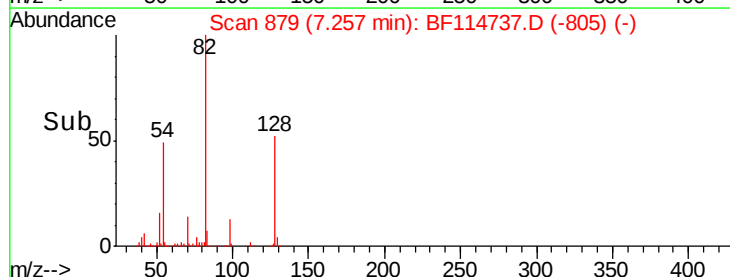


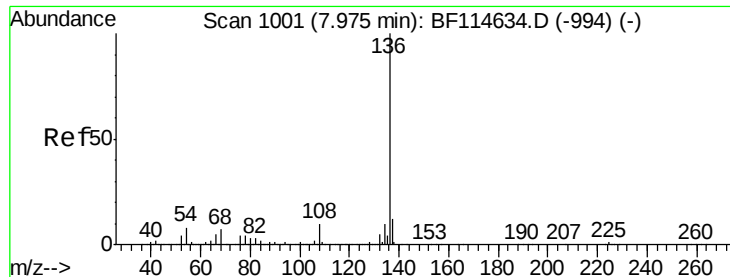
Abundance Ion 70.00 (69.70 to 70.70): BF1

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



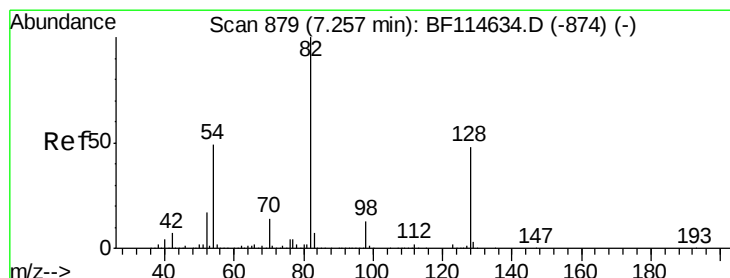
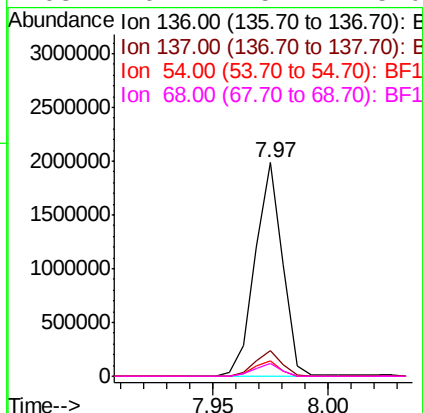
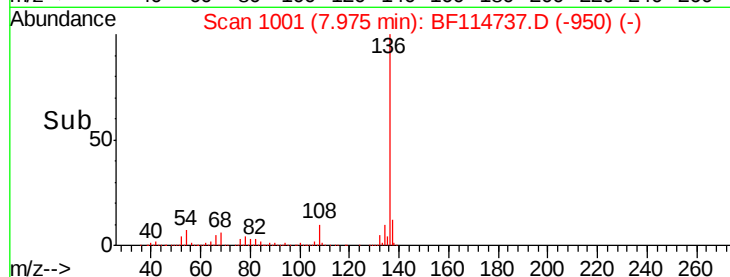
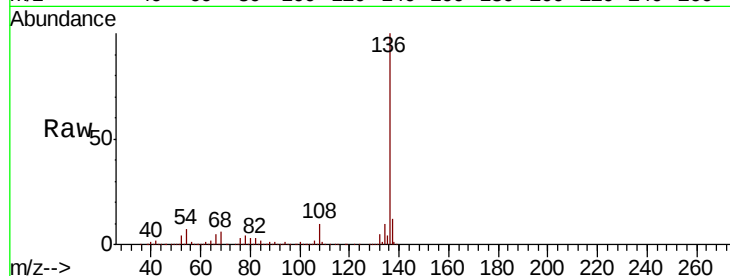


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF114737.D
Acq: 1 Jun 2019 4:59

Instrument :
BNA_F
ClientSampleId :
TP-3B-D

Tgt Ion:136 Resp: 1648464

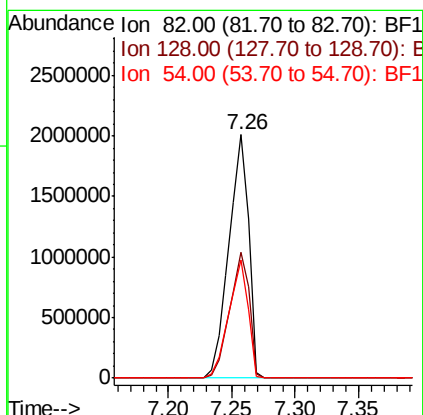
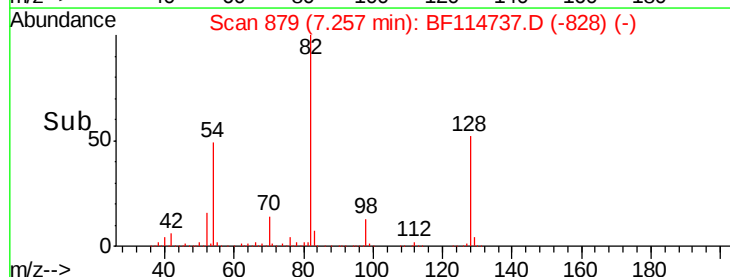
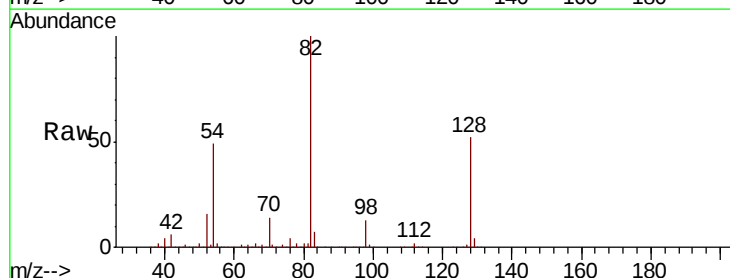
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.3	13.9
54	7.2	6.3	9.5
68	6.2	5.4	8.0

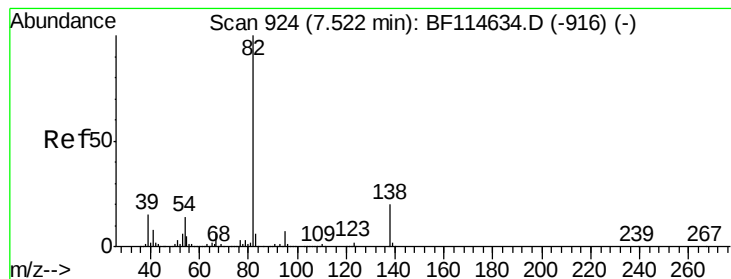


#23
Nitrobenzene-d5
Concen: 81.898 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF114737.D
Acq: 1 Jun 2019 4:59

Tgt Ion: 82 Resp: 2163930

Ion	Ratio	Lower	Upper
82	100		
128	51.6	38.5	57.7
54	48.8	39.1	58.7





#25

Isophorone

Concen: 40.151 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF114737.D

Acq: 1 Jun 2019 4:59

Instrument :

BNA_F

ClientSampleId :

TP-3B-D

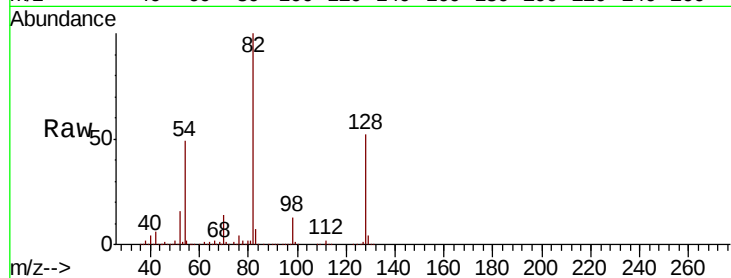
Tgt Ion: 82 Resp: 2129036

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

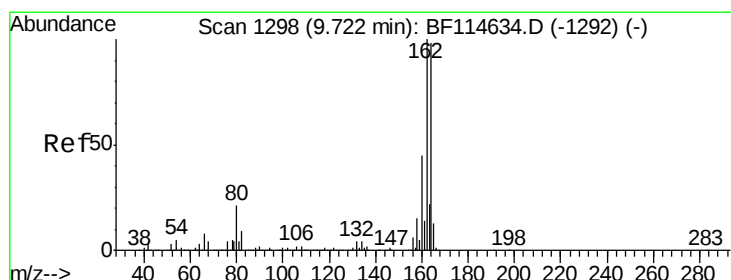
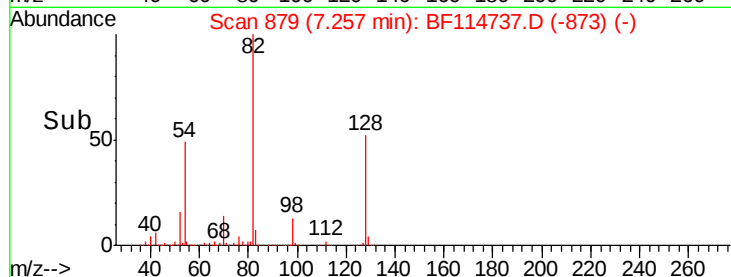
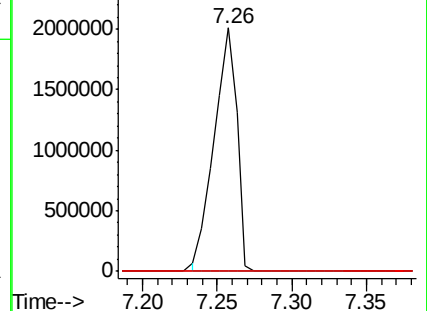
138 0.0 15.9 23.9#



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: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF114737.D

Acq: 1 Jun 2019 4:59

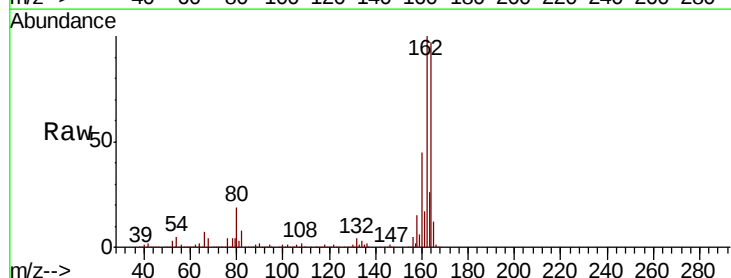
Tgt Ion: 164 Resp: 758736

Ion Ratio Lower Upper

164 100

162 103.4 81.4 122.2

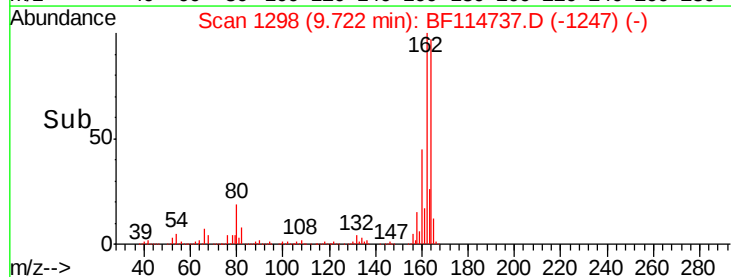
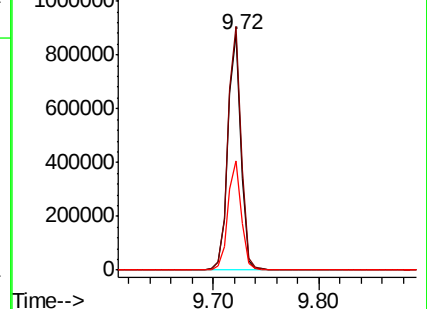
160 46.5 36.6 54.8

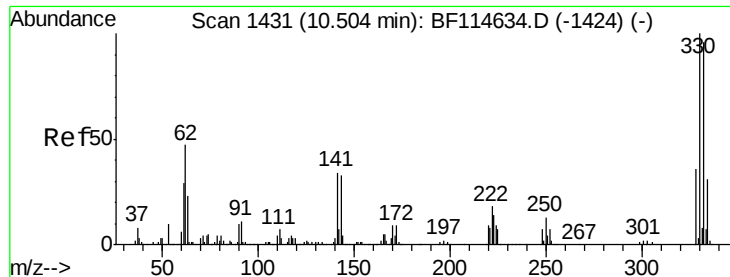


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

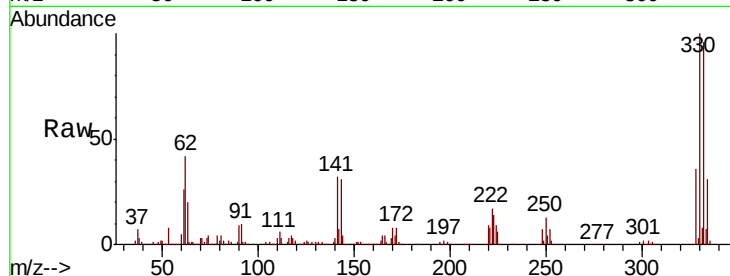




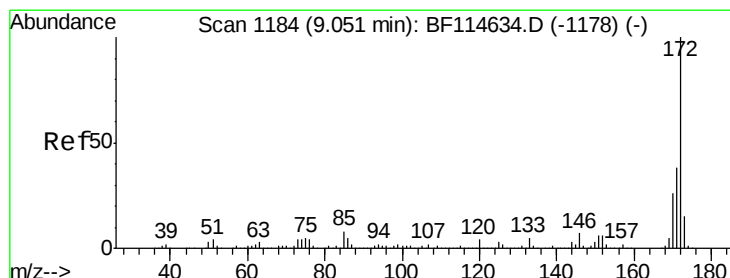
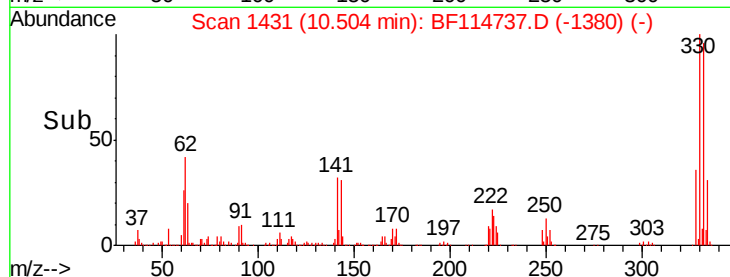
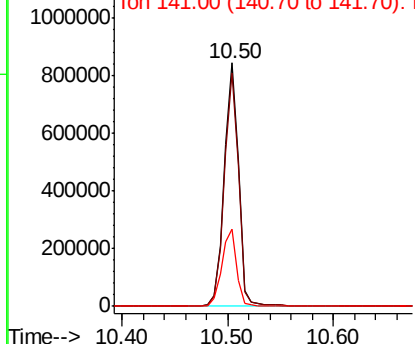
#42
 2,4,6-Tribromophenol
 Concen: 111.330 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF114737.D
 Acq: 1 Jun 2019 4:59

Instrument :
 BNA_F
 ClientSampled :
 TP-3B-D

Tgt Ion:330 Resp: 804869
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.8 113.8
 141 32.7 27.8 41.8

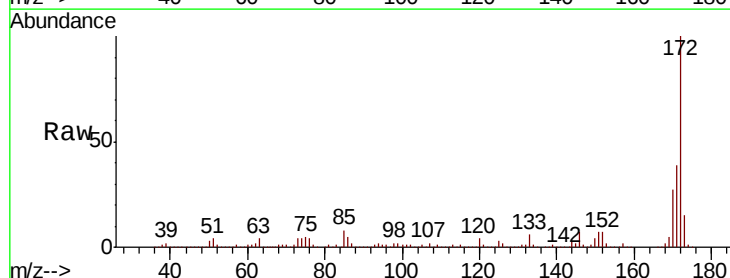


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

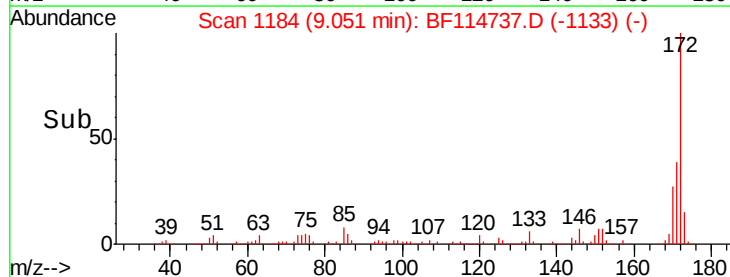
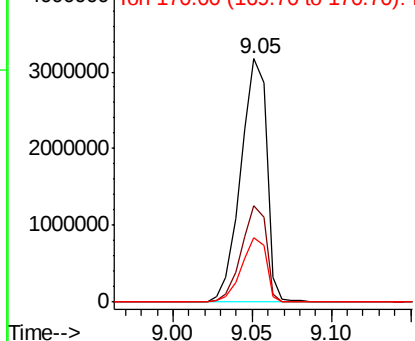


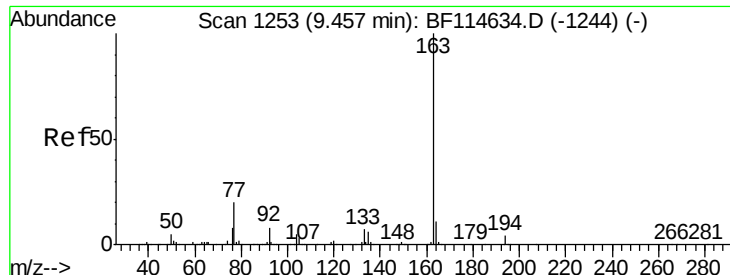
#45
 2-Fluorobiphenyl
 Concen: 90.002 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114737.D
 Acq: 1 Jun 2019 4:59

Tgt Ion:172 Resp: 3597222
 Ion Ratio Lower Upper
 172 100
 171 39.4 30.6 45.8
 170 26.7 20.7 31.1



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: 4.084 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.26 min

Lab File: BF114737.D

Acq: 1 Jun 2019 4:59

Instrument :

BNA_F

ClientSampleId :

TP-3B-D

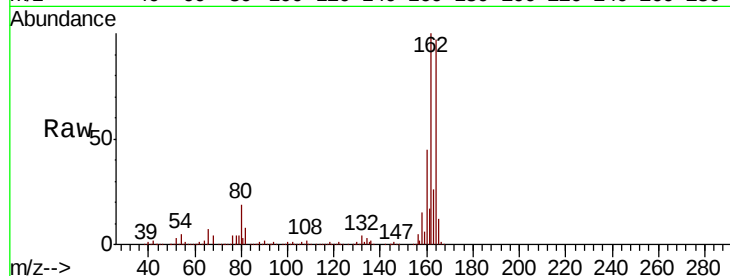
Tgt Ion:163 Resp: 215947

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

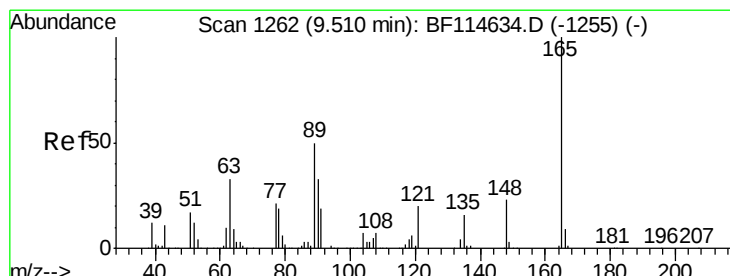
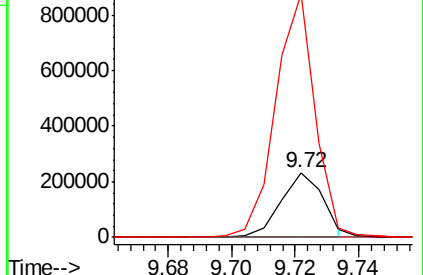
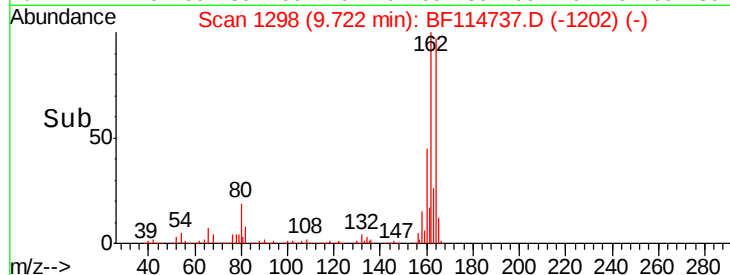
164 374.5 8.6 13.0#



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



#51

2,6-Dinitrotoluene

Concen: 8.027 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.21 min

Lab File: BF114737.D

Acq: 1 Jun 2019 4:59

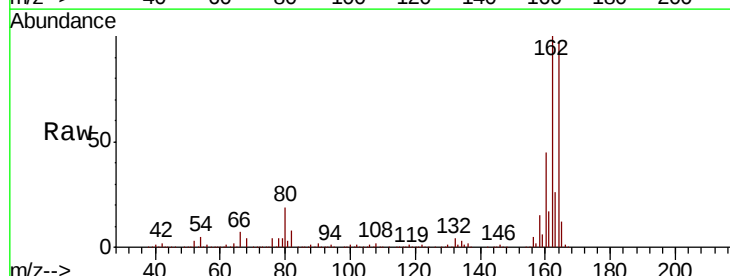
Tgt Ion:165 Resp: 98613

Ion Ratio Lower Upper

165 100

63 1.1 36.6 54.8#

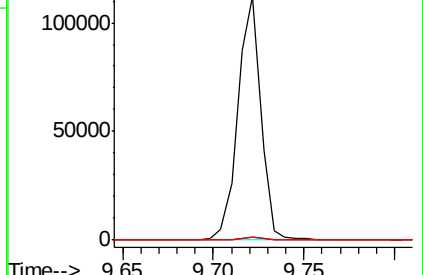
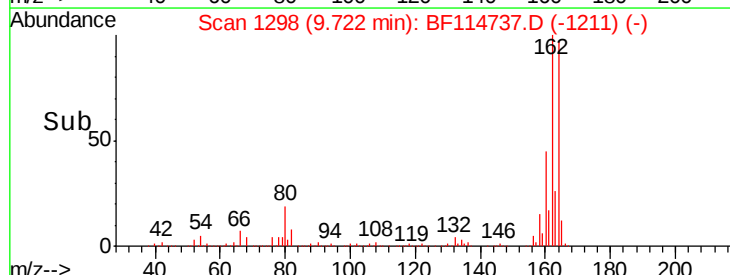
89 1.2 40.2 60.4#

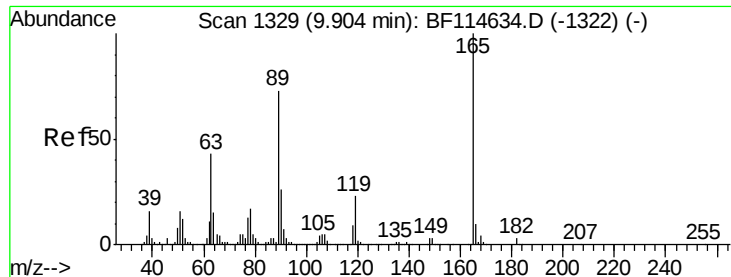


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

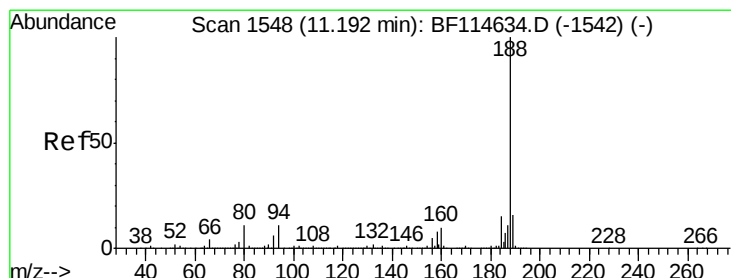
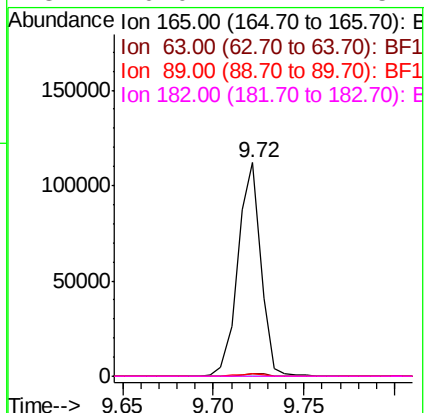
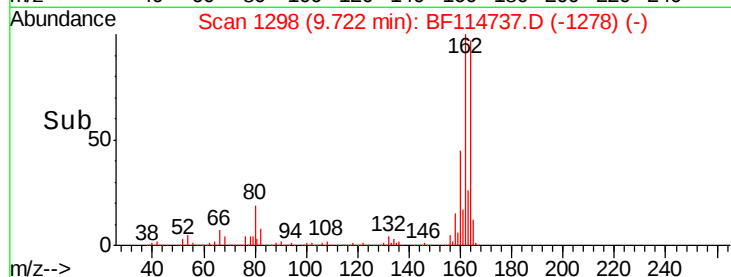
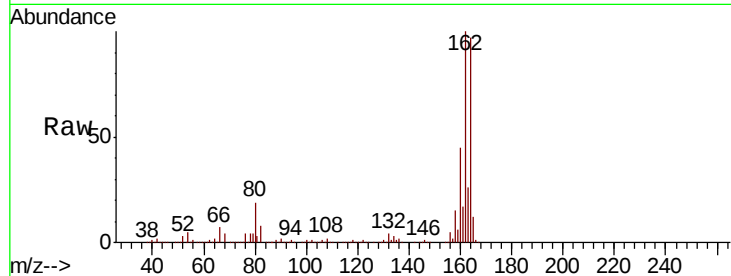




#57
2,4-Dinitrotoluene
Concen: 6.255 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.18 min
Lab File: BF114737.D
Acq: 1 Jun 2019 4:59

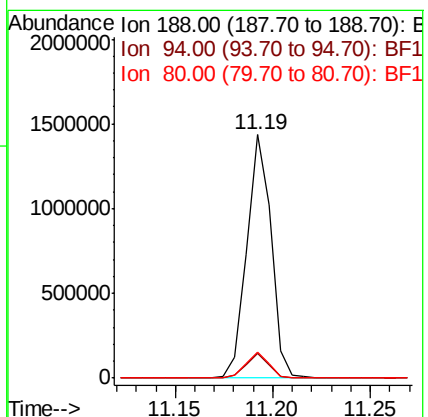
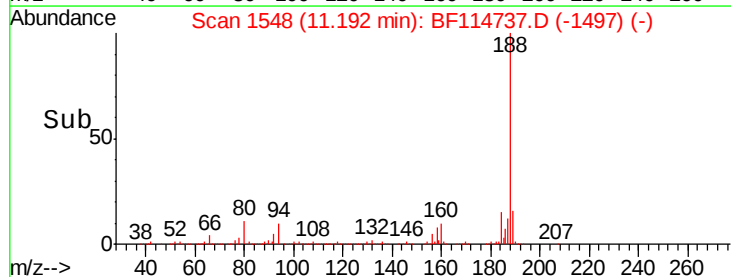
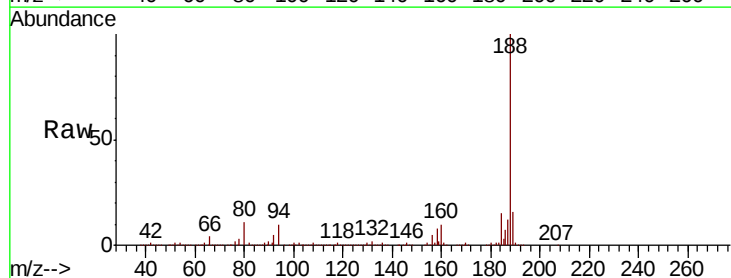
Instrument :
BNA_F
ClientSampleId :
TP-3B-D

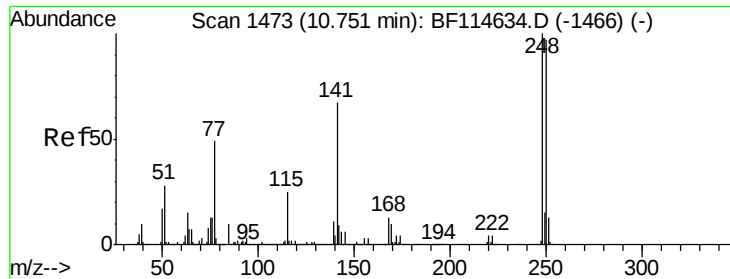
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.8	52.2#
89	1.2	58.5	87.7#
182	0.0	2.2	3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF114737.D
Acq: 1 Jun 2019 4:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.6	13.0
80	10.5	9.0	13.6

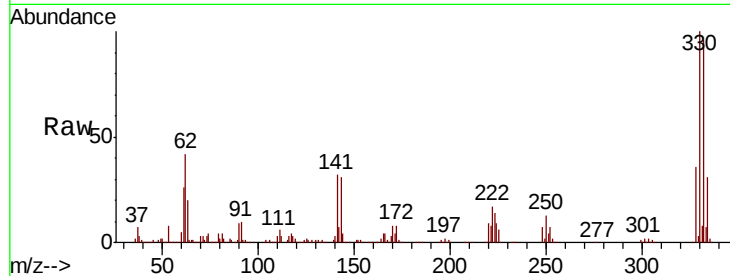




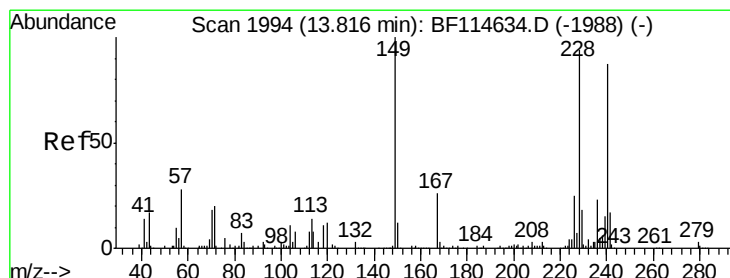
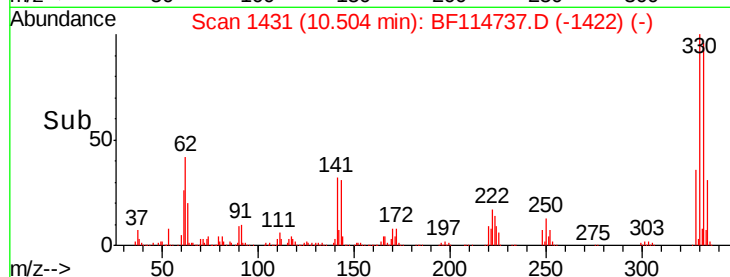
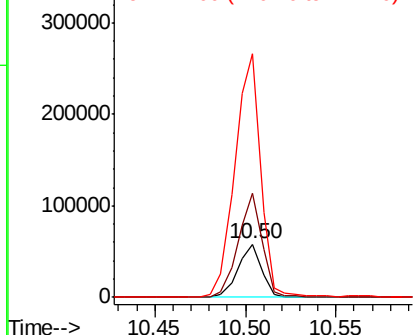
#67
 4-Bromophenyl-phenylether
 Concen: 3.987 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF114737.D
 Acq: 1 Jun 2019 4:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-3B-D

Tgt Ion:248 Resp: 52904
 Ion Ratio Lower Upper
 248 100
 250 195.6 78.0 117.0#
 141 459.0 53.8 80.8#

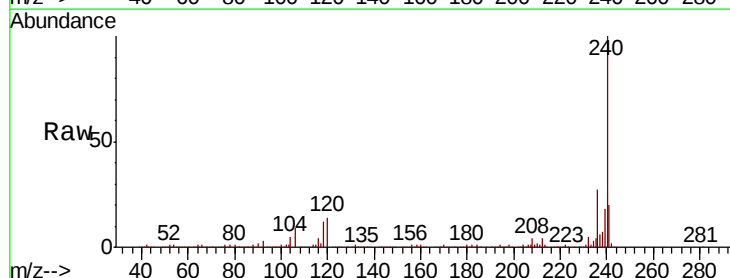


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

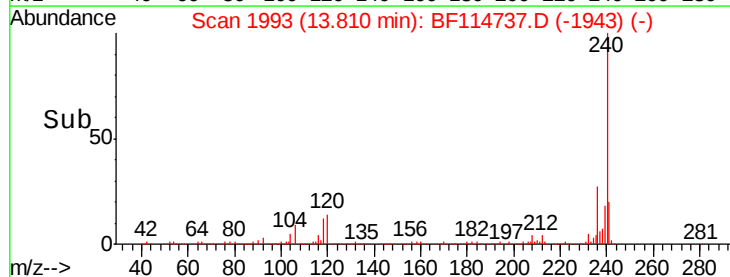
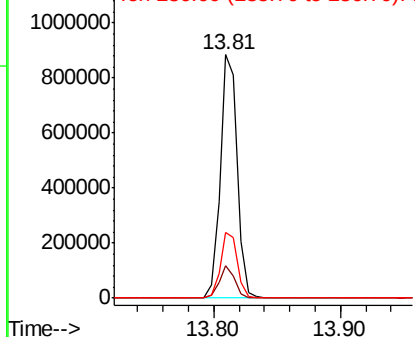


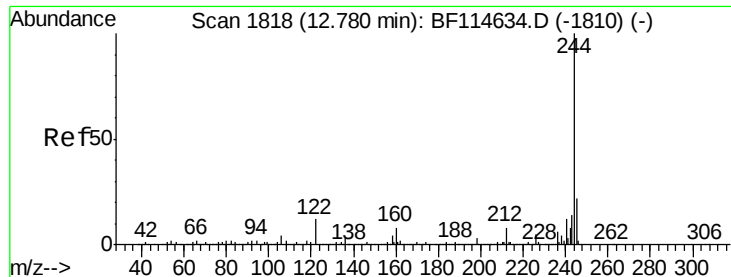
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF114737.D
 Acq: 1 Jun 2019 4:59

Tgt Ion:240 Resp: 828404
 Ion Ratio Lower Upper
 240 100
 120 13.5 11.2 16.8
 236 27.1 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: 70.767 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114737.D

Acq: 1 Jun 2019 4:59

Instrument :

BNA_F

ClientSampleId :

TP-3B-D

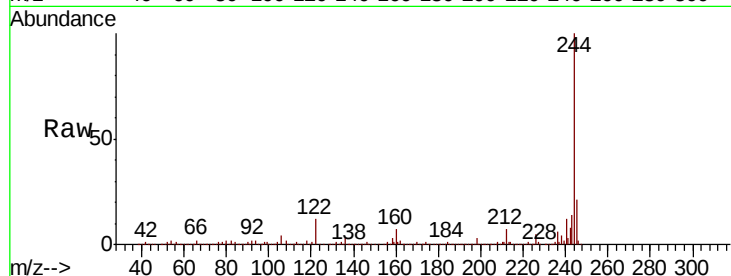
Tgt Ion:244 Resp: 3118048

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

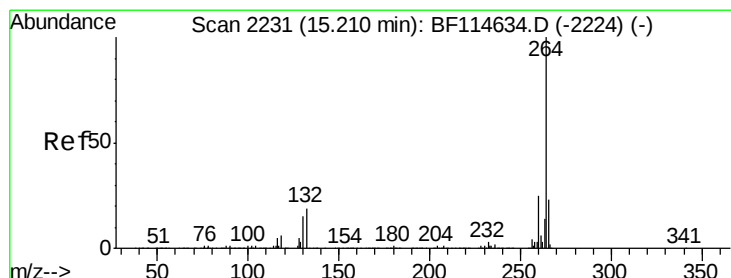
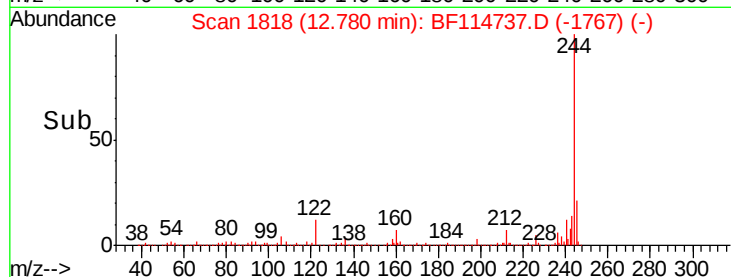
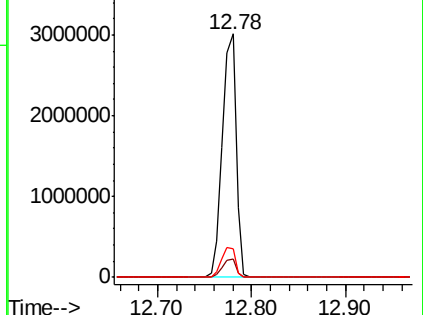
122 11.8 9.8 14.8



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: 15.20 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF114737.D

Acq: 1 Jun 2019 4:59

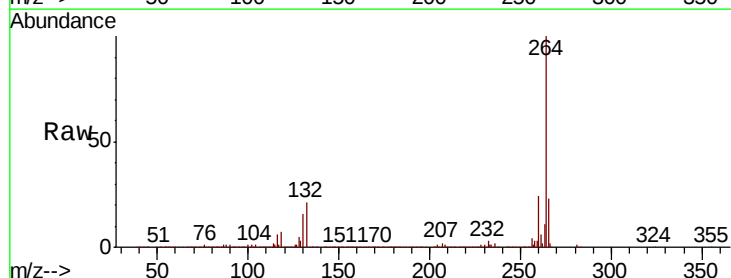
Tgt Ion:264 Resp: 759079

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

265 22.8 18.1 27.1



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

