

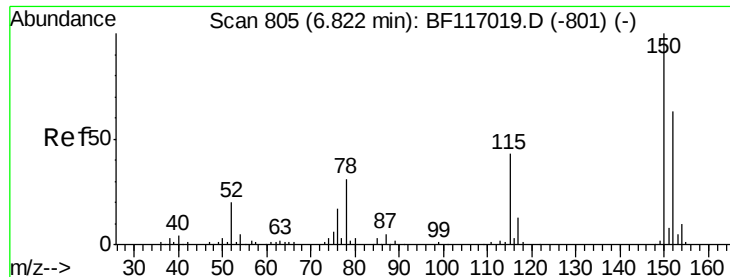
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100319\
 Data File : BF117325.D
 Acq On : 3 Oct 2019 19:19
 Operator : JU
 Sample : K5134-01RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-061RE

Quant Time: Oct 04 03:20:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	57578	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	239608	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	122993	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	187612	20.00	ng	0.00
76) Chrysene-d12	13.97	240	97085	20.00	ng	0.00
87) Perylene-d12	15.42	264	102248	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	307421	83.36	ng	0.00
7) Phenol-d6	6.45	99	443043	92.96	ng	0.00
23) Nitrobenzene-d5	7.37	82	263966	57.88	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	81233	79.03	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	393127	49.98	ng	-0.02
79) Terphenyl-d14	12.90	244	299898	57.74	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.45	77	328	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.37	70	35621	12.274	ng	# 80
25) Isophorone	7.37	82	263963	32.692	ng	# 66
50) Dimethylphthalate	9.55	163	85398	9.806	ng	# 99
57) 2,4-Dinitrotoluene	9.84	165	15405	6.691	ng	# 18
67) 4-Bromophenyl-phenylether	10.63	248	5007	2.613	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.94	149	12872	2.594	ng	# 53
85) Di-n-octyl phthalate	14.54	149	39353	5.038	ng	# 92

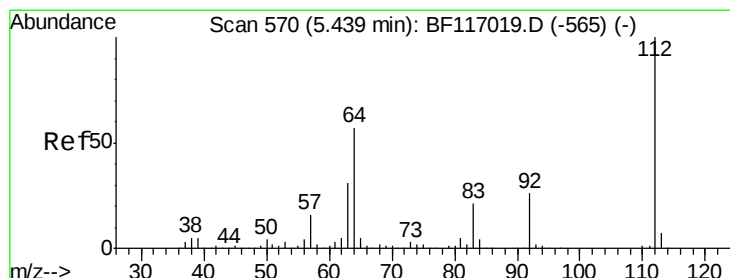
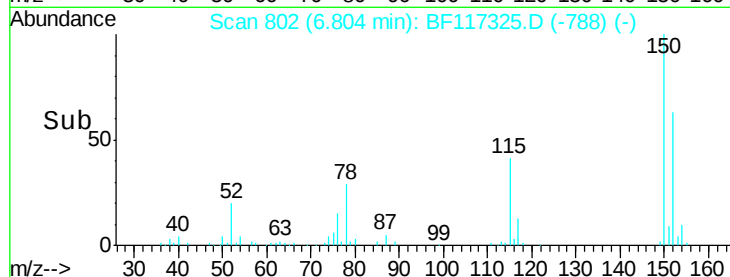
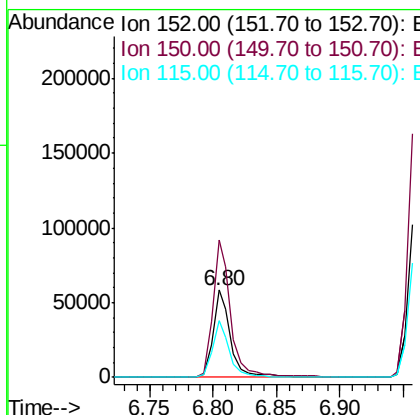
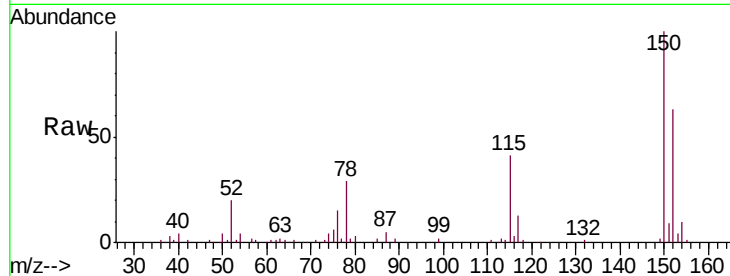
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.02 min
 Lab File: BF117325.D
 Acq: 3 Oct 2019 19:19

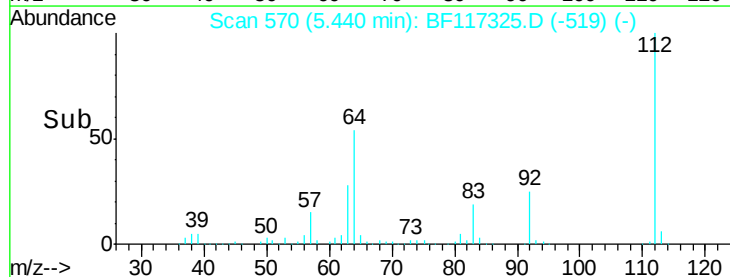
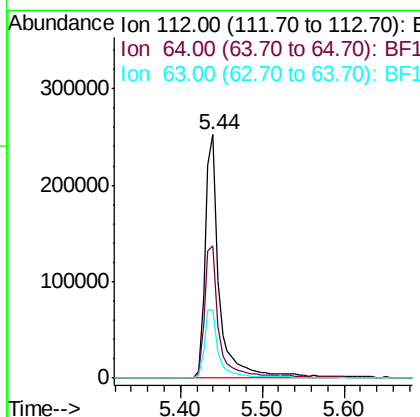
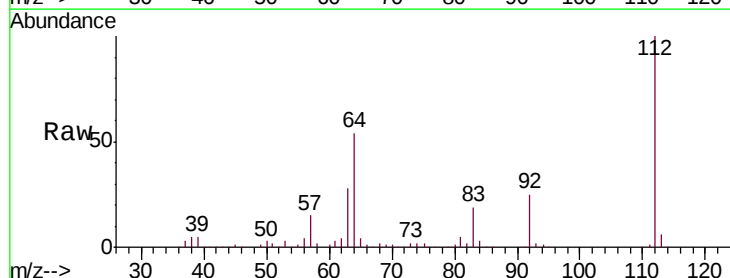
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-061RE

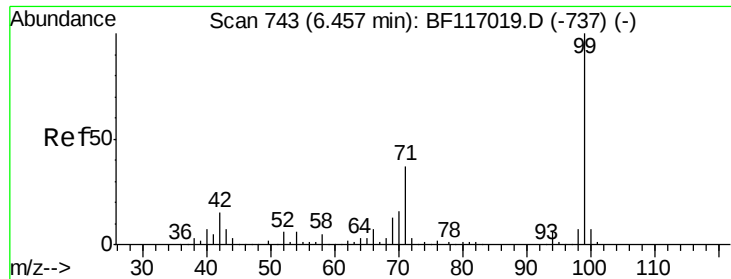
Tgt Ion:152 Resp: 57578
 Ion Ratio Lower Upper
 152 100
 150 157.6 127.5 191.3
 115 64.8 55.0 82.4



#5
 2-Fluorophenol
 Concen: 83.358 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: BF117325.D
 Acq: 3 Oct 2019 19:19

Tgt Ion:112 Resp: 307421
 Ion Ratio Lower Upper
 112 100
 64 54.3 45.7 68.5
 63 28.1 24.9 37.3





#7

Phenol-d6

Concen: 92.956 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117325.D

Acq: 3 Oct 2019 19:19

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-061RE

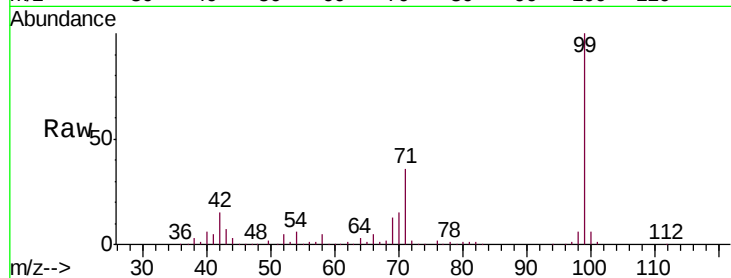
Tgt Ion: 99 Resp: 443043

Ion Ratio Lower Upper

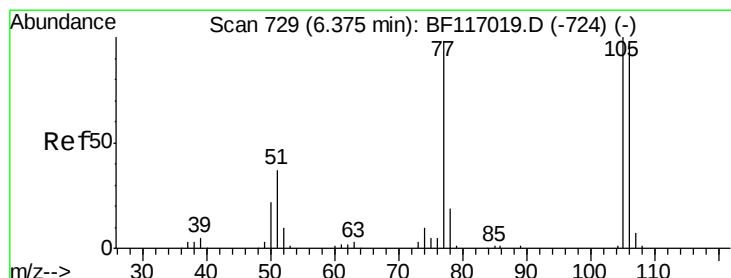
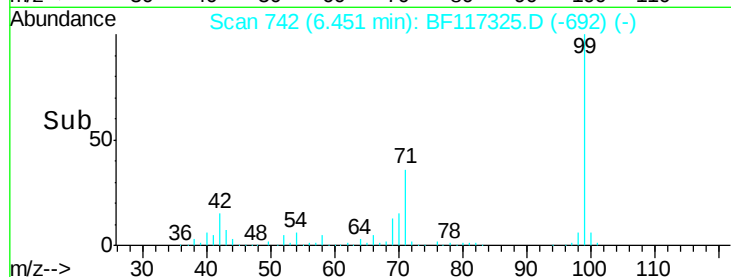
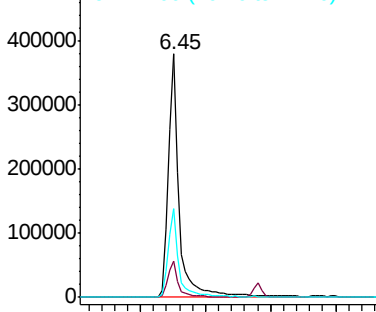
99 100

42 14.8 12.2 18.2

71 36.2 29.8 44.8



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.45 min Scan# 742

Delta R.T. 0.08 min

Lab File: BF117325.D

Acq: 3 Oct 2019 19:19

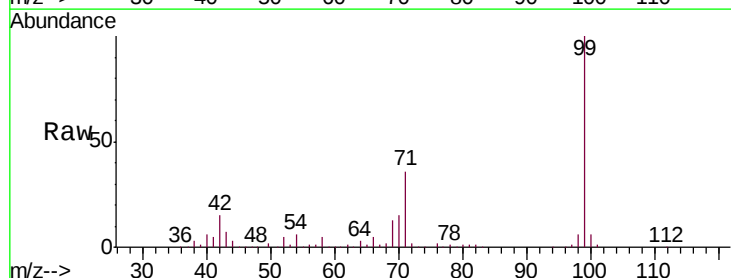
Tgt Ion: 77 Resp: 328

Ion Ratio Lower Upper

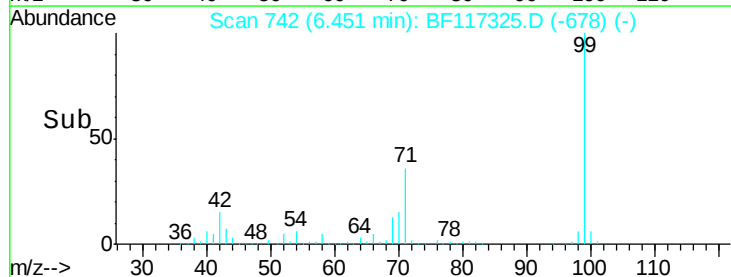
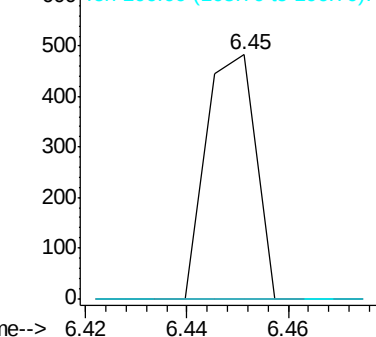
77 100

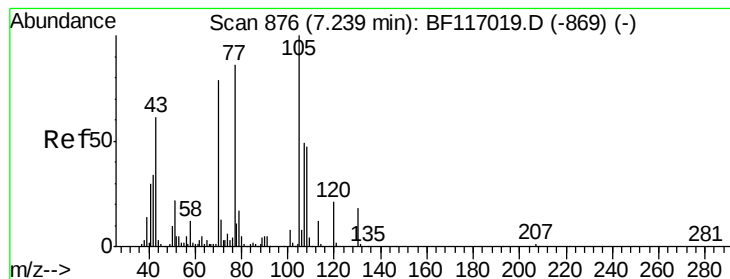
105 0.0 81.8 121.8#

106 0.0 77.3 117.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 12.274 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.13 min

Lab File: BF117325.D

Acq: 3 Oct 2019 19:19

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-061RE

Tgt Ion: 70 Resp: 35621

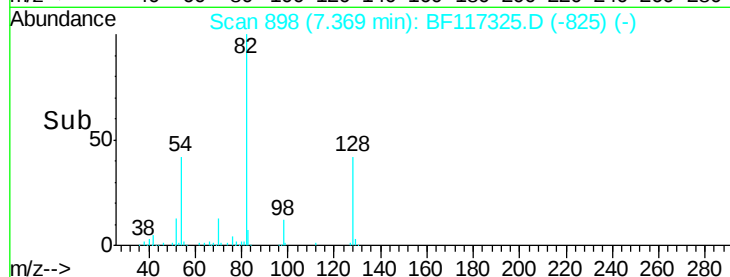
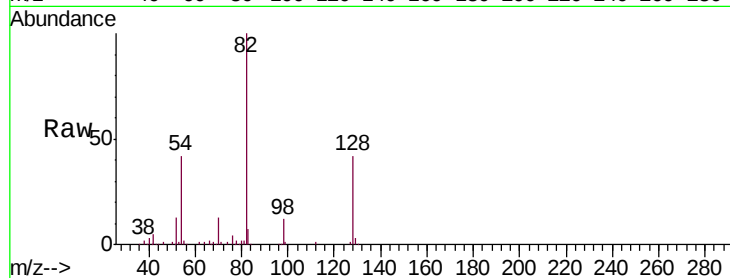
Ion Ratio Lower Upper

70 100

42 38.3 34.0 51.0

101 0.0 7.8 11.6#

130 2.3 17.8 26.8#

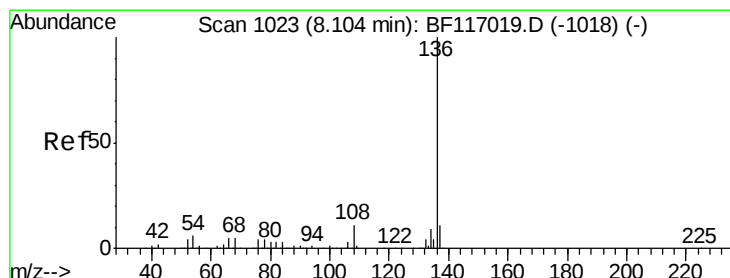
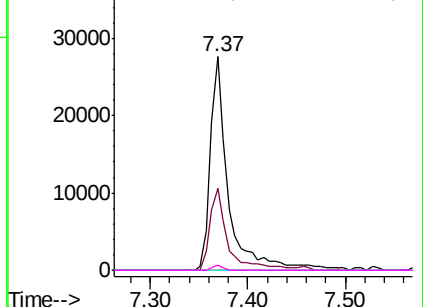


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF117325.D

Acq: 3 Oct 2019 19:19

Tgt Ion: 136 Resp: 239608

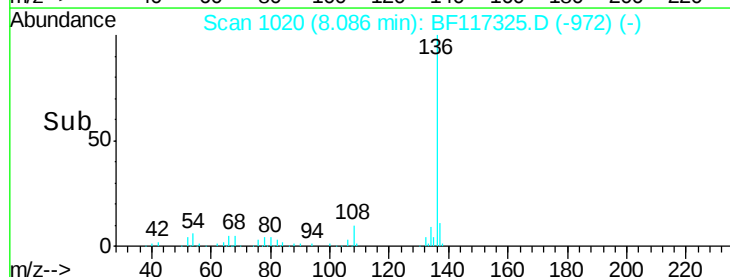
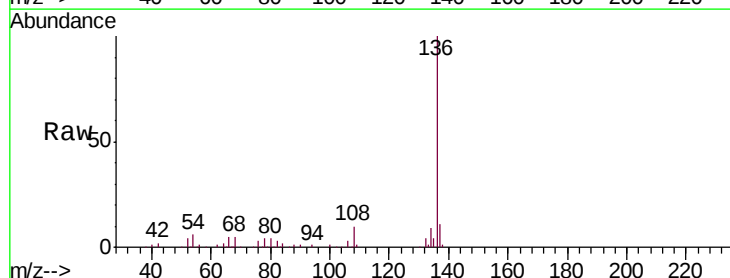
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 6.0 4.5 6.7

68 4.7 4.0 6.0

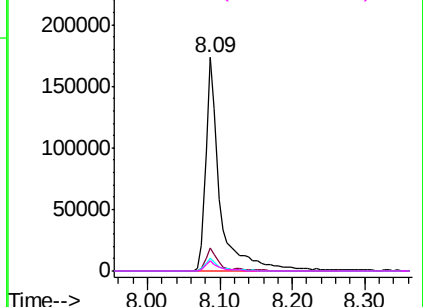


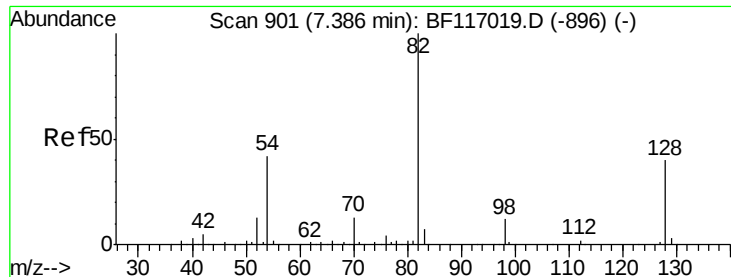
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

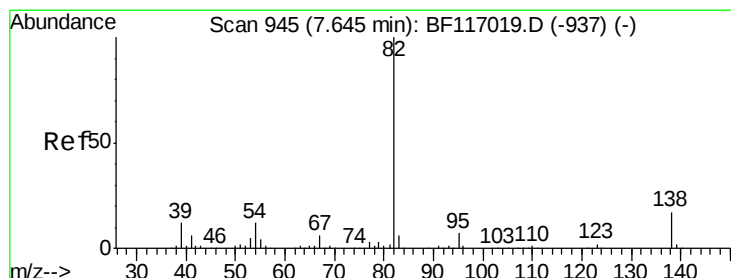
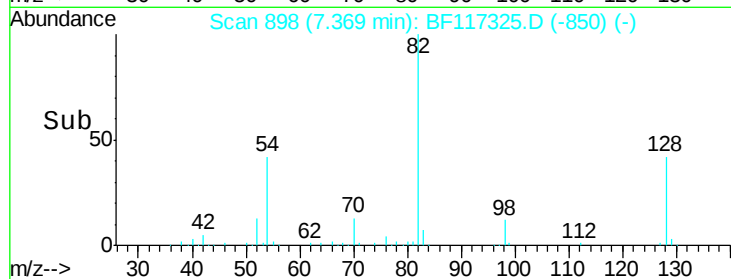
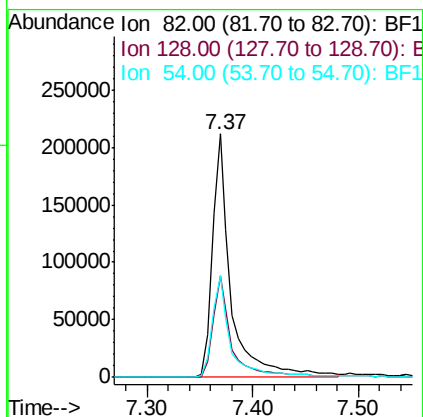
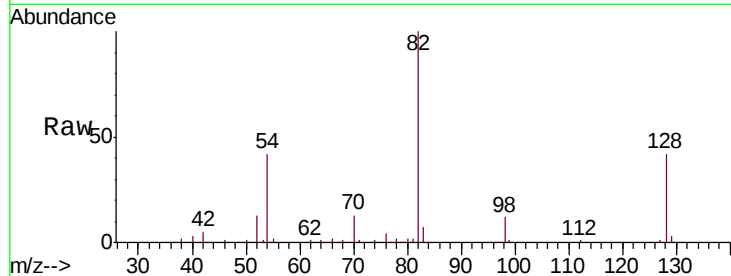




#23
 Nitrobenzene-d5
 Concen: 57.884 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF117325.D
 Acq: 3 Oct 2019 19:19

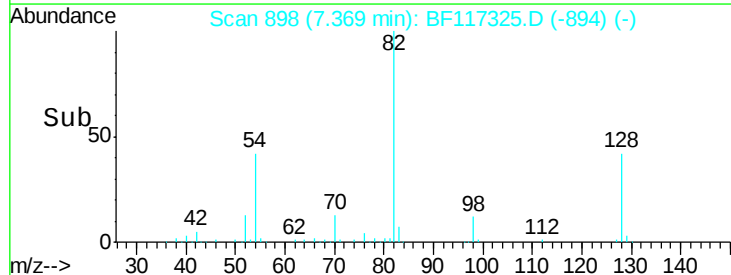
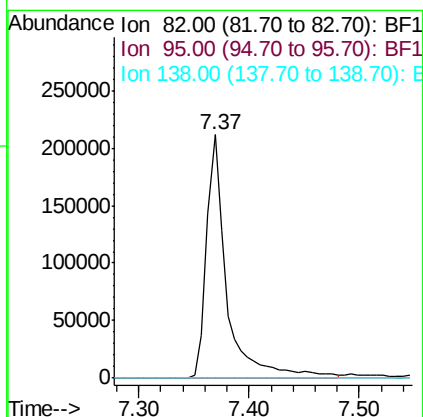
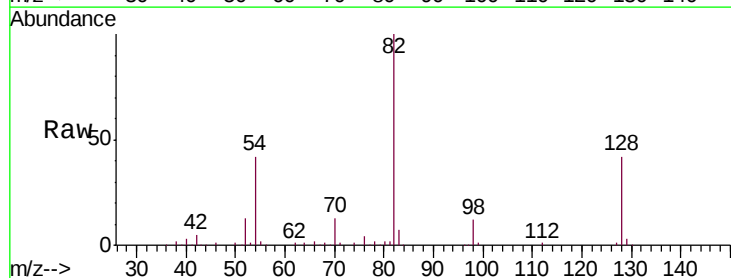
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-061RE

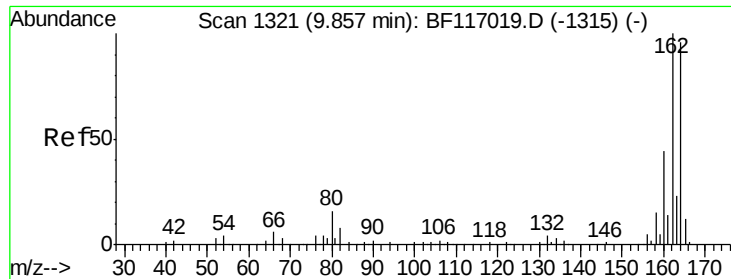
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.3	48.5
54	41.6	33.3	49.9



#25
 Isophorone
 Concen: 32.692 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.28 min
 Lab File: BF117325.D
 Acq: 3 Oct 2019 19:19

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF117325.D

Acq: 3 Oct 2019 19:19

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-061RE

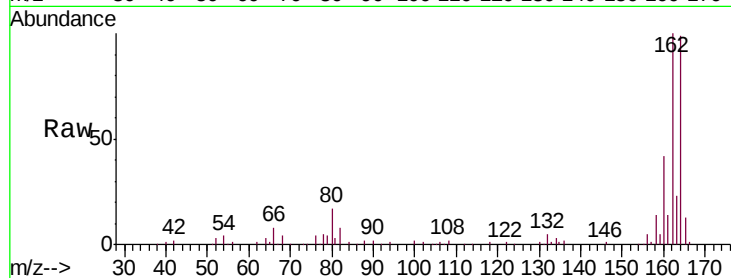
Tgt Ion:164 Resp: 122993

Ion Ratio Lower Upper

164 100

162 101.1 83.4 125.2

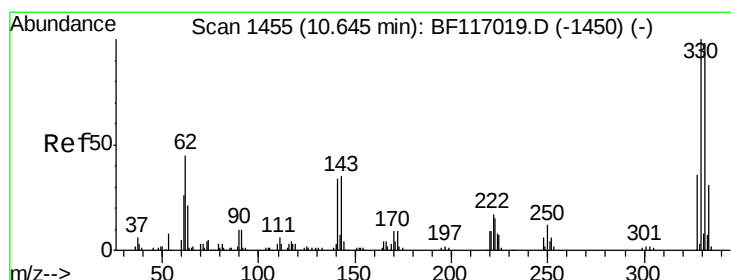
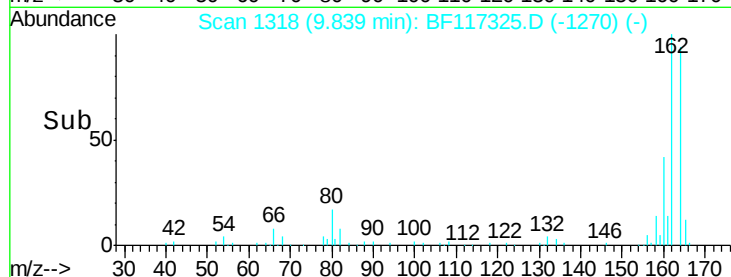
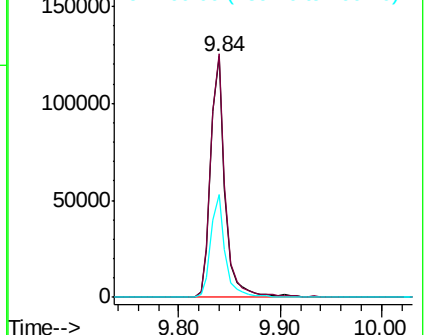
160 42.8 36.4 54.6



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: 79.025 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF117325.D

Acq: 3 Oct 2019 19:19

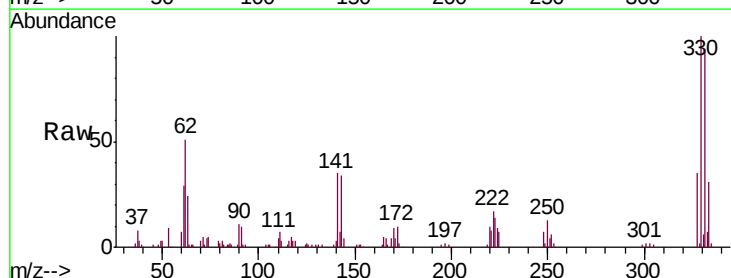
Tgt Ion:330 Resp: 81233

Ion Ratio Lower Upper

330 100

332 96.2 78.0 117.0

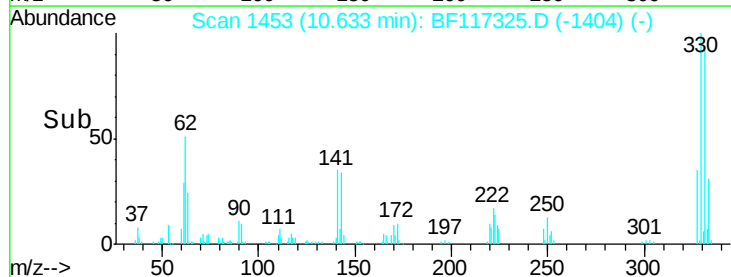
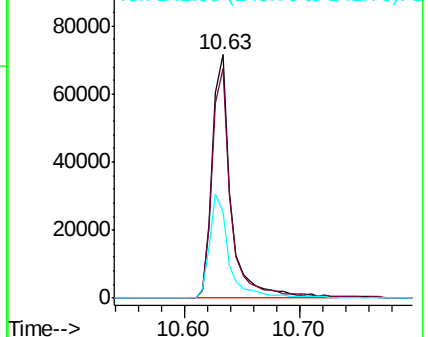
141 44.1 35.8 53.6



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

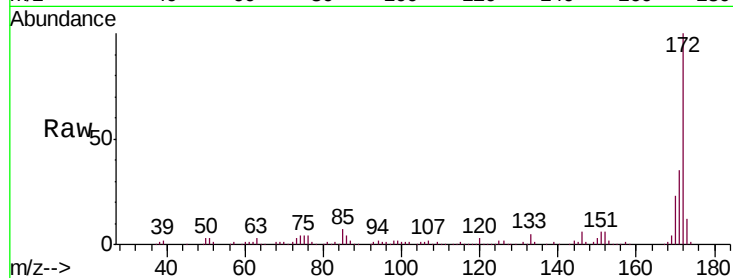




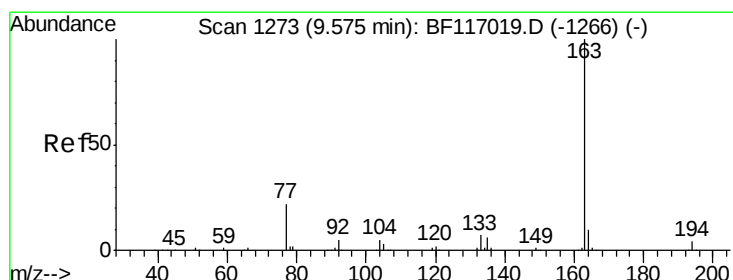
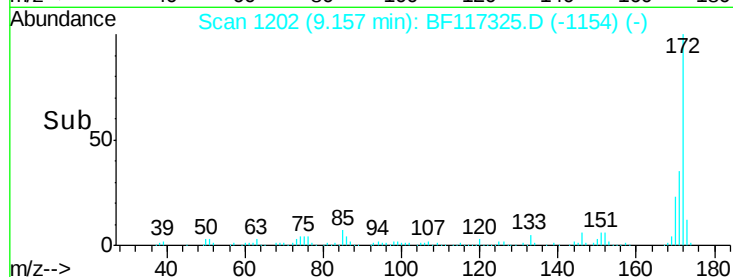
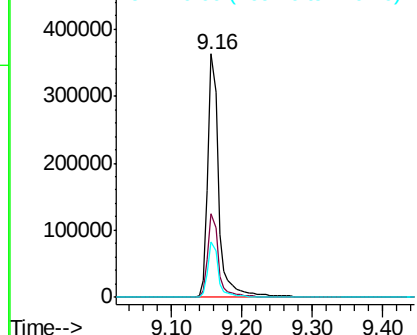
#45
2-Fluorobiphenyl
Concen: 49.977 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF117325.D
Acq: 3 Oct 2019 19:19

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-061RE

Tgt Ion:172 Resp: 393127
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 22.8 18.9 28.3

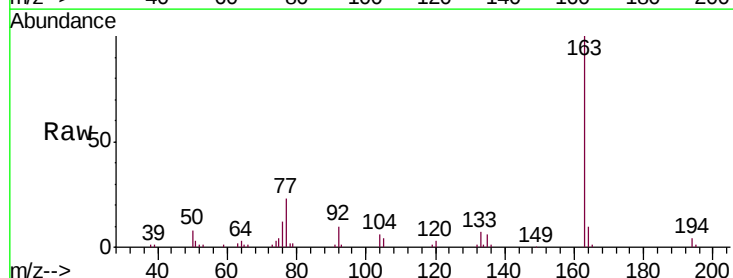


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

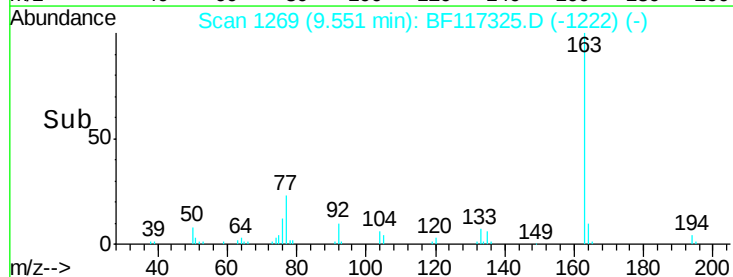
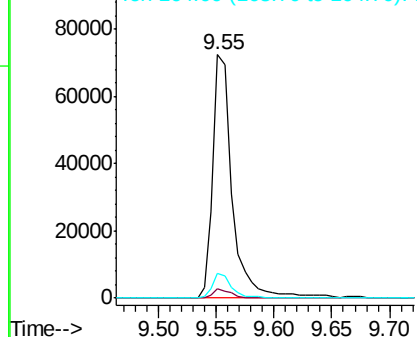


#50
Dimethylphthalate
Concen: 9.806 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF117325.D
Acq: 3 Oct 2019 19:19

Tgt Ion:163 Resp: 85398
Ion Ratio Lower Upper
163 100
194 4.0 2.9 4.3
164 10.2 8.2 12.4



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

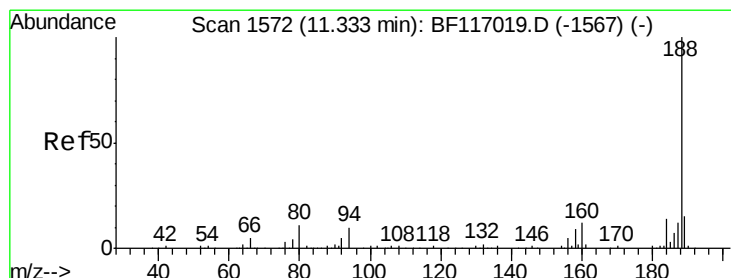
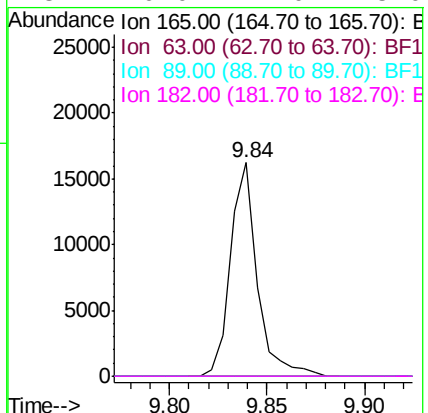
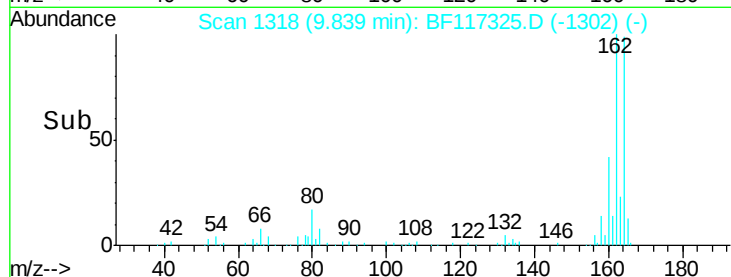
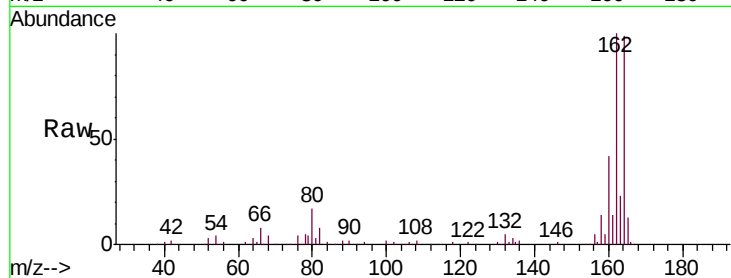




#57
 2,4-Dinitrotoluene
 Concen: 6.691 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF117325.D
 Acq: 3 Oct 2019 19:19

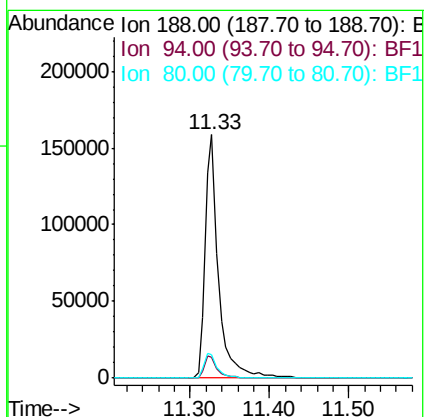
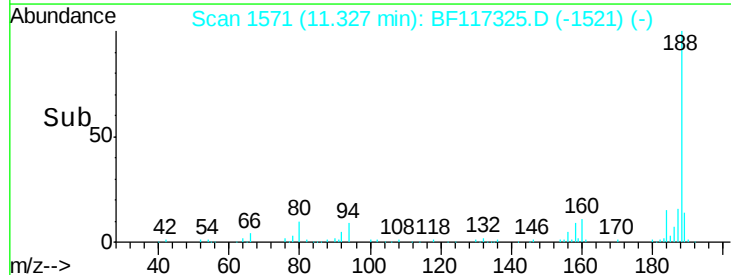
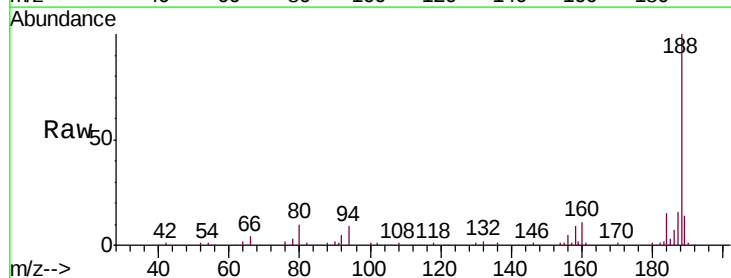
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-061RE

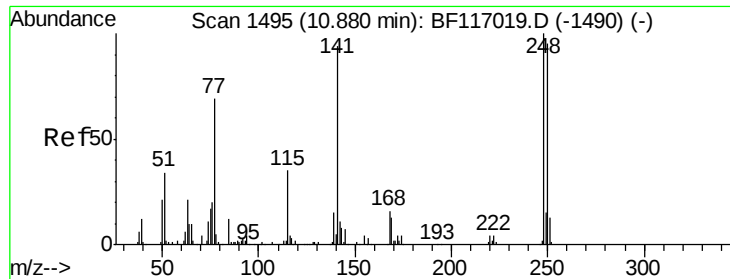
Tgt Ion:	165	Resp:	15405
Ion Ratio	Lower	Upper	
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF117325.D
 Acq: 3 Oct 2019 19:19

Tgt Ion:	188	Resp:	187612
Ion Ratio	Lower	Upper	
188	100		
94	8.7	8.2	12.2
80	9.5	9.0	13.6

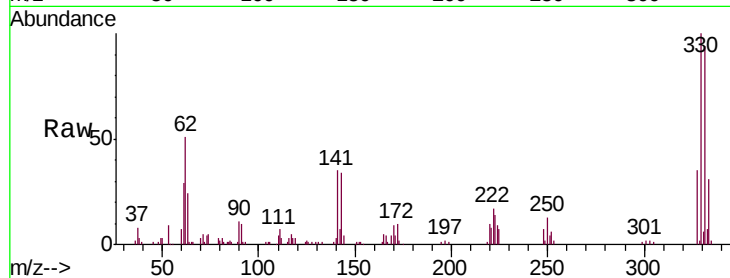




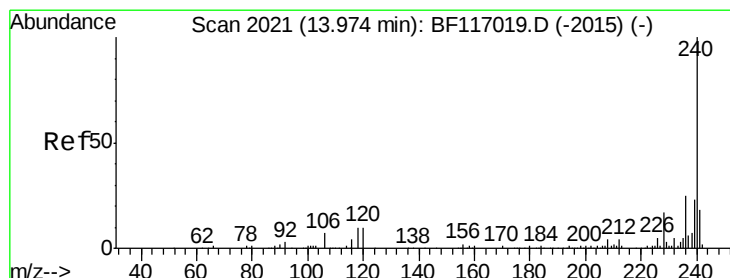
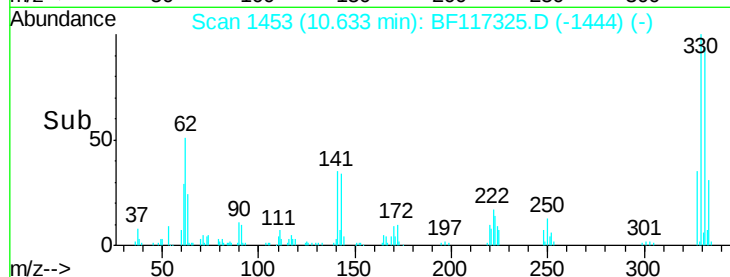
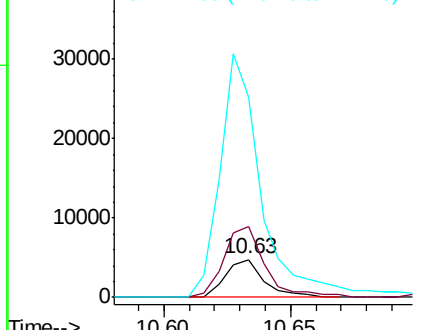
#67
 4-Bromophenyl-phenylether
 Concen: 2.613 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.25 min
 Lab File: BF117325.D
 Acq: 3 Oct 2019 19:19

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-061RE

Tgt Ion:248 Resp: 5007
 Ion Ratio Lower Upper
 248 100
 250 187.2 76.2 114.4#
 141 525.0 75.0 112.4#

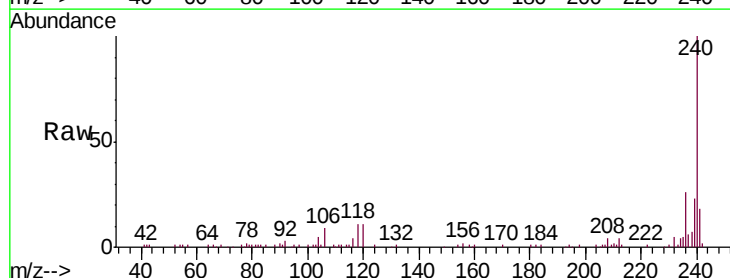


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

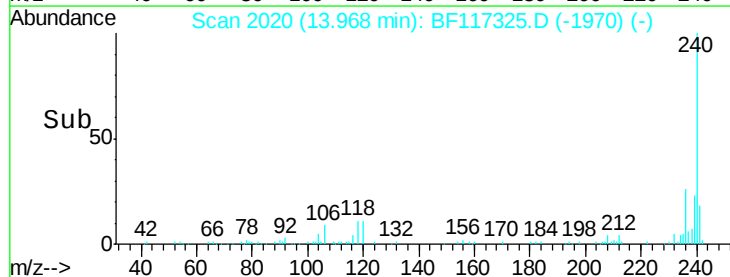
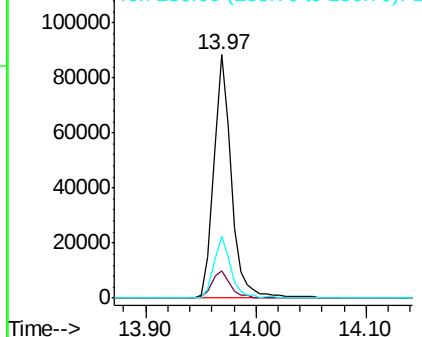


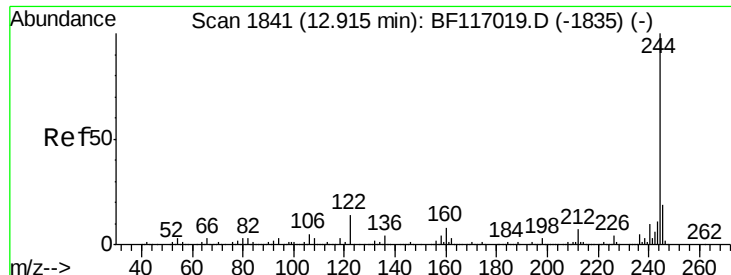
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117325.D
 Acq: 3 Oct 2019 19:19

Tgt Ion:240 Resp: 97085
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.3 12.5
 236 25.6 20.3 30.5



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: 57.741 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF117325.D

Acq: 3 Oct 2019 19:19

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-061RE

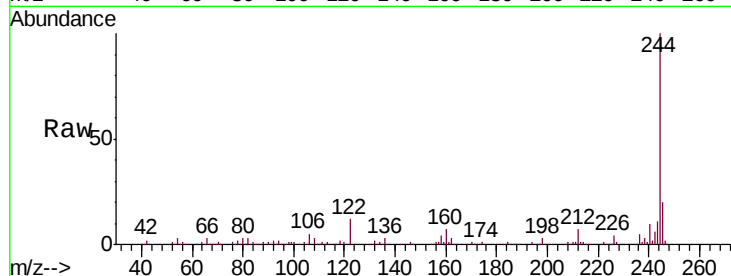
Tgt Ion:244 Resp: 299898

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

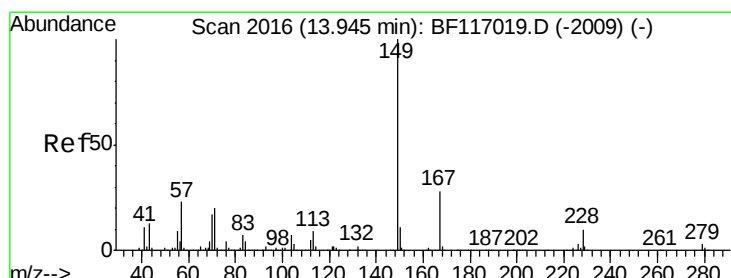
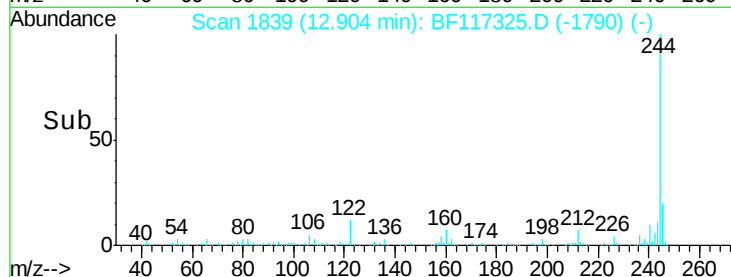
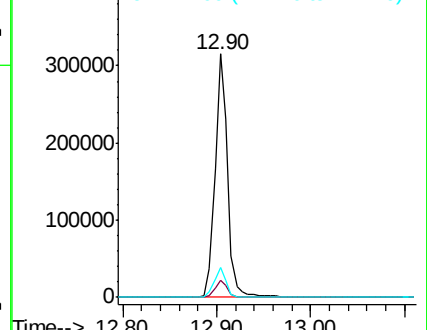
122 12.5 11.3 16.9



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.594 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BF117325.D

Acq: 3 Oct 2019 19:19

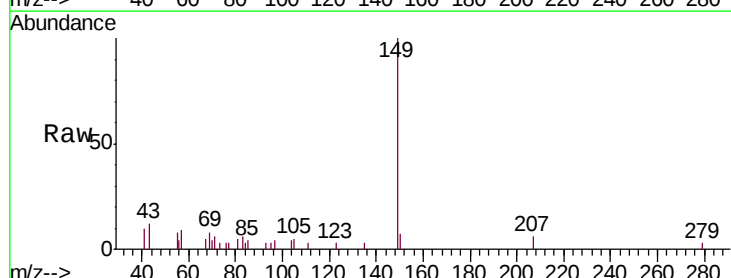
Tgt Ion:149 Resp: 12872

Ion Ratio Lower Upper

149 100

167 0.0 22.2 33.2#

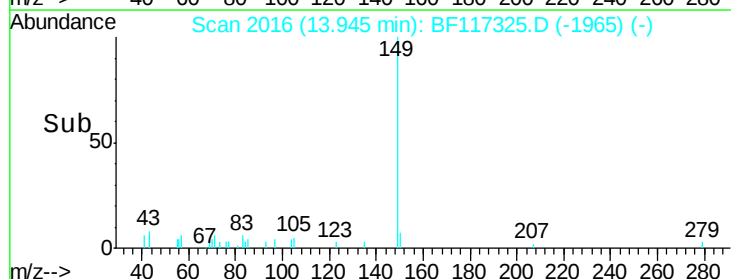
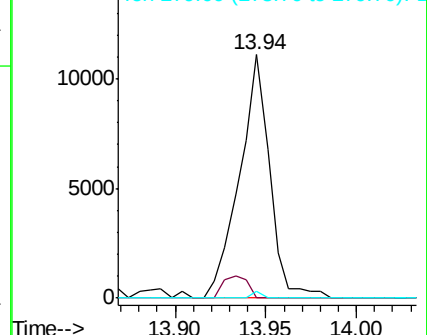
279 2.8 2.8 4.2#

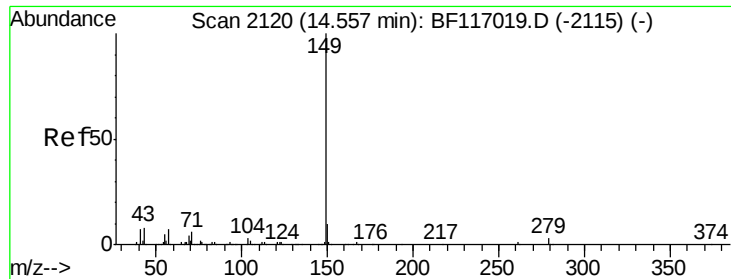


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

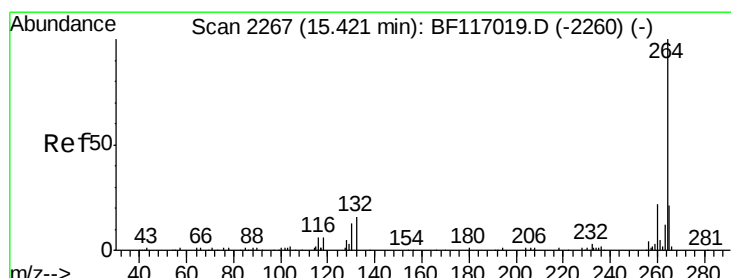
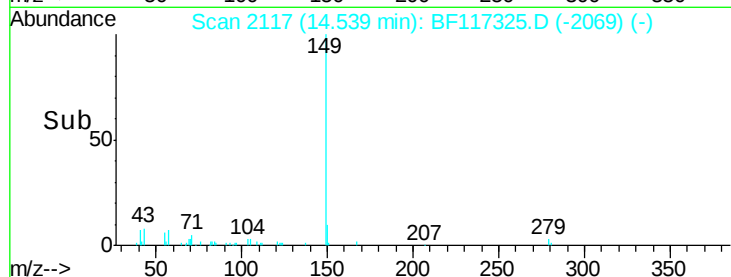
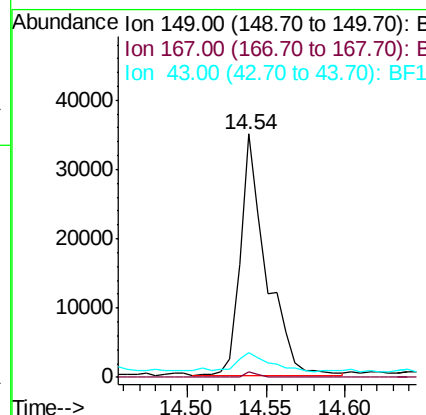
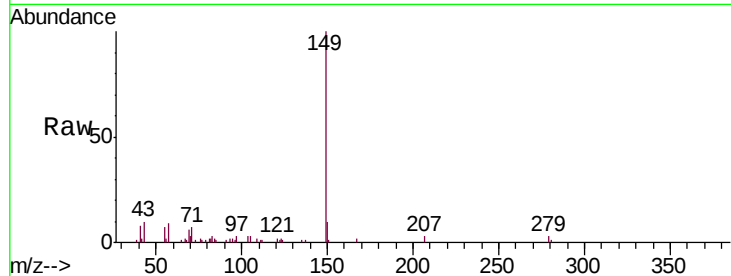




#85
Di-n-octyl phthalate
Concen: 5.038 ng
RT: 14.54 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BF117325.D
Acq: 3 Oct 2019 19:19

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-061RE

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.1	1.2	1.8#
43	11.0	6.2	9.4#



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF117325.D
Acq: 3 Oct 2019 19:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.6	26.4
265	21.2	16.6	24.8

