

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117129.D
 Acq On : 18 Sep 2019 1:17
 Operator : HP/JU
 Sample : K4924-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-48-COMP

Quant Time: Sep 18 05:26:14 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

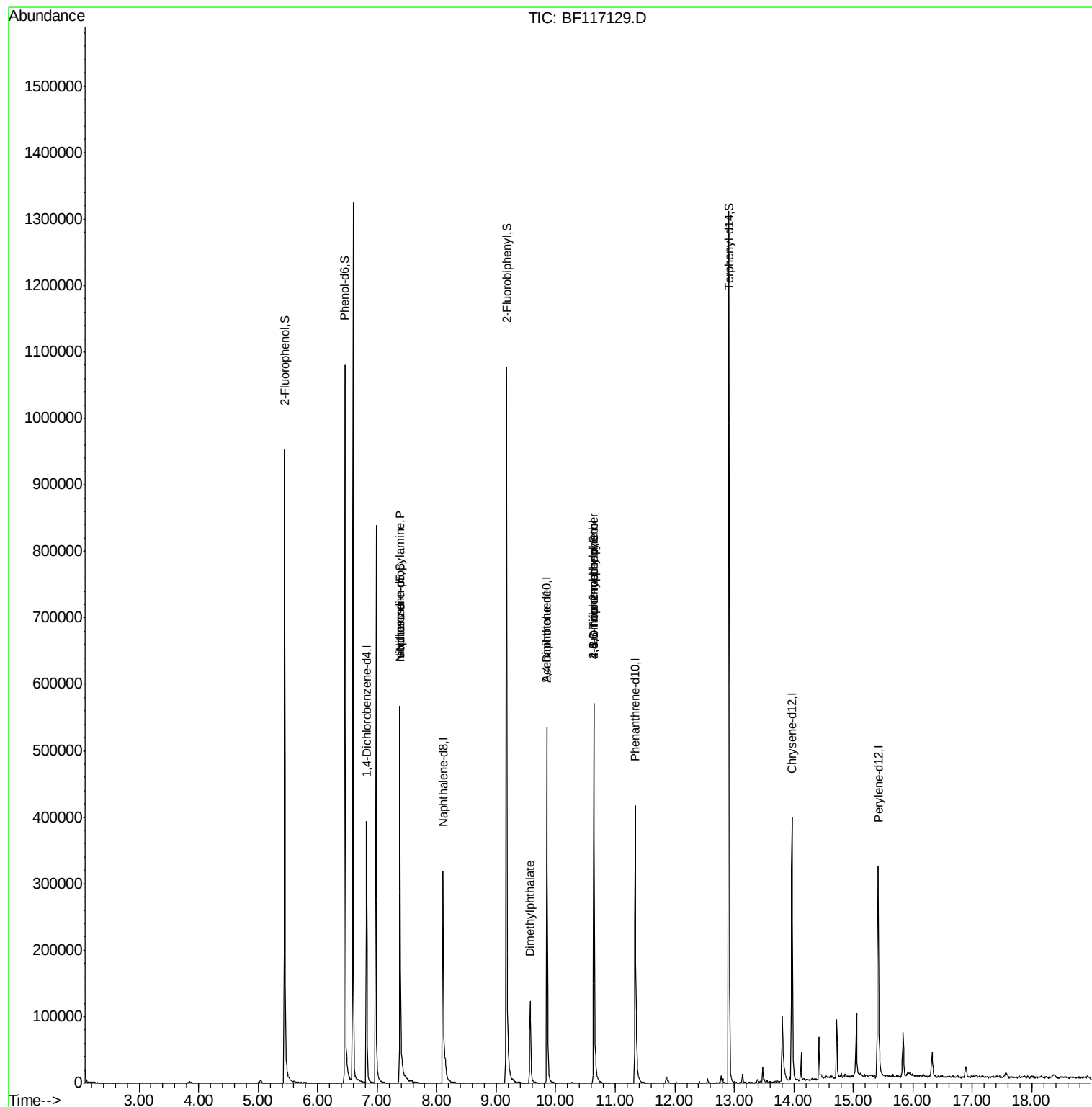
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	59474	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	242804	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	127751	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	222591	20.00	ng	0.00
76) Chrysene-d12	13.97	240	162390	20.00	ng	0.00
87) Perylene-d12	15.42	264	146112	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	298668	78.40	ng	0.00
7) Phenol-d6	6.46	99	411697	83.63	ng	0.00
23) Nitrobenzene-d5	7.38	82	261549	56.60	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	88959	83.32	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	454303	55.60	ng	0.00
79) Terphenyl-d14	12.91	244	448901	51.67	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	540	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	33618	11.214	ng	# 1
25) Isophorone	7.38	82	261548	31.966	ng	# 80
50) Dimethylphthalate	9.57	163	79913	8.835	ng	# 66
57) 2,4-Dinitrotoluene	9.85	165	16164	6.759	ng	# 99
65) 4,6-Dinitro-2-methylphenol	10.64	198	117	7.001	ng	# 18
67) 4-Bromophenyl-phenylether	10.64	248	5555	2.444	ng	# 19

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
Data File : BF117129.D
Acq On : 18 Sep 2019 1:17
Operator : HP/JU
Sample : K4924-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-48-COMP

Quant Time: Sep 18 05:26:14 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF117129.D

Acq: 18 Sep 2019 1:17

Instrument :

BNA_F

ClientSampleId :

SB-48-COMP

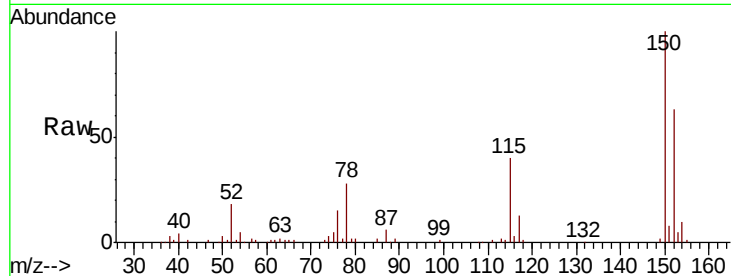
Tot Ion:152 Resp: 59474

Ion Ratio Lower Upper

152 100

150 157.9 127.5 191.3

115 62.7 55.0 82.4

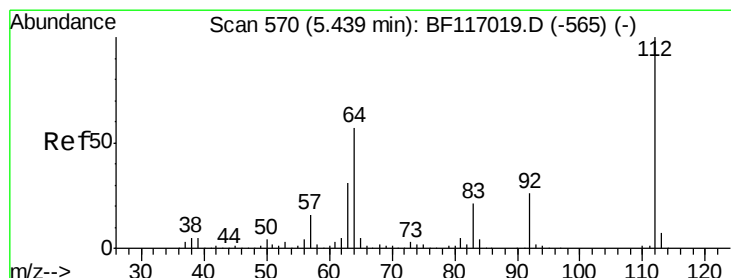
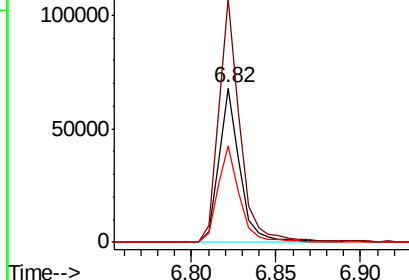
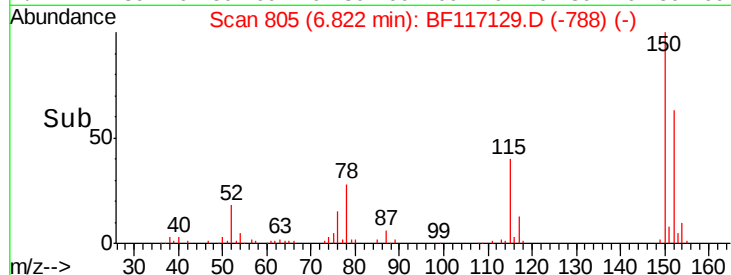


Abundance

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: 78.403 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF117129.D

Acq: 18 Sep 2019 1:17

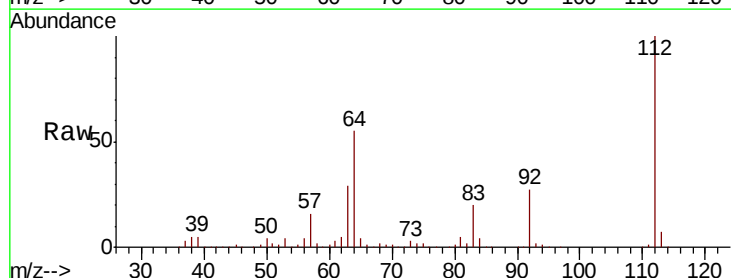
Tgt Ion:112 Resp: 298668

Ion Ratio Lower Upper

112 100

64 55.2 45.7 68.5

63 28.8 24.9 37.3

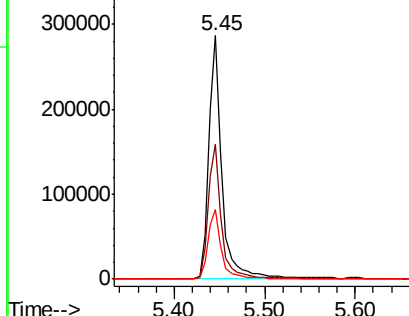
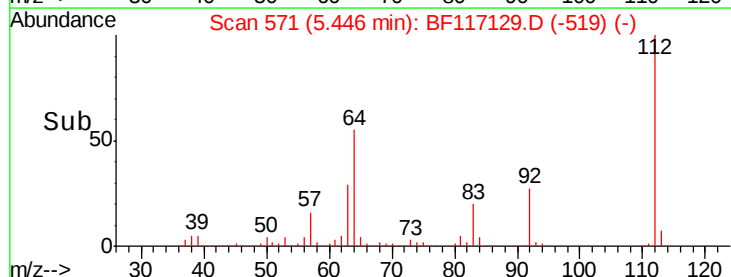


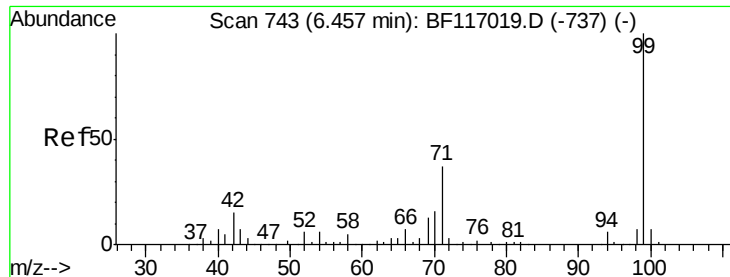
Abundance

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: 83.626 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117129.D

Acq: 18 Sep 2019 1:17

Instrument :

BNA_F

ClientSampleId :

SB-48-COMP

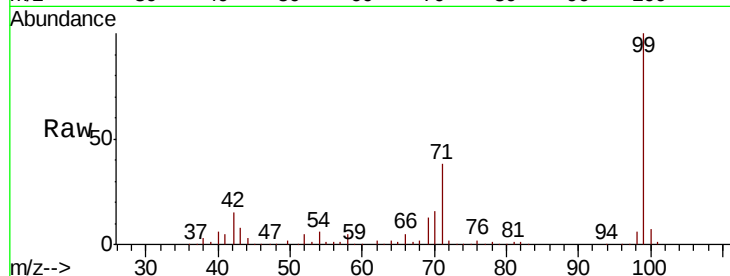
Tot Ion: 99 Resp: 411697

Ion Ratio Lower Upper

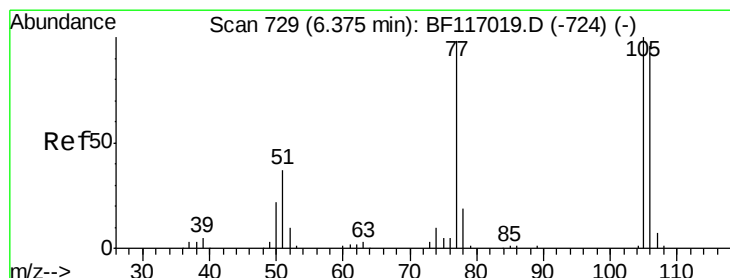
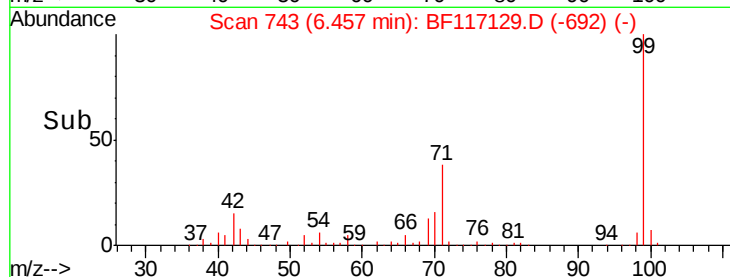
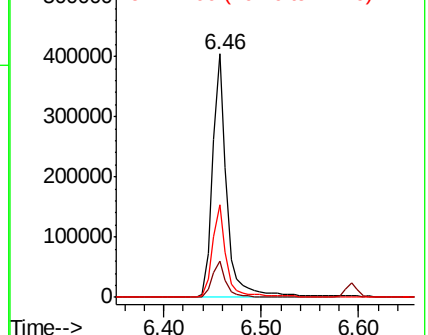
99 100

42 14.8 12.2 18.2

71 38.0 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: 6.46 min Scan# 743

Delta R.T. 0.08 min

Lab File: BF117129.D

Acq: 18 Sep 2019 1:17

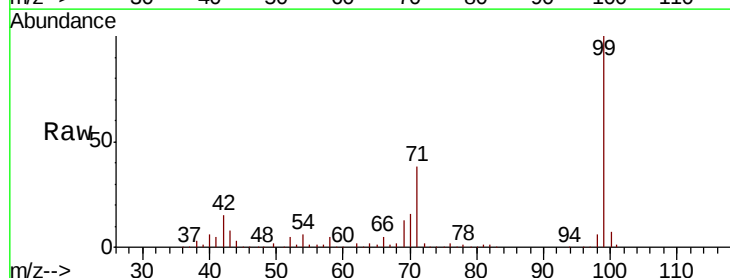
Tgt Ion: 77 Resp: 540

Ion Ratio Lower Upper

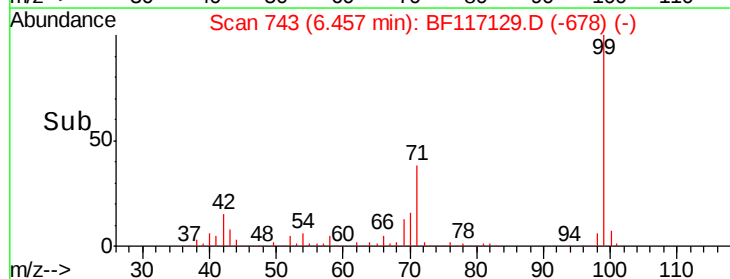
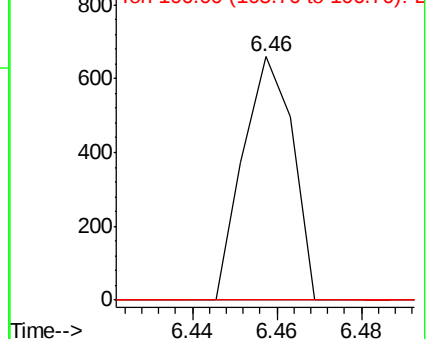
77 100

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: 11.214 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.14 min

Lab File: BF117129.D

Acq: 18 Sep 2019 1:17

Instrument :

BNA_F

ClientSampleId :

SB-48-COMP

Tot Ion: 70 Resp: 33618

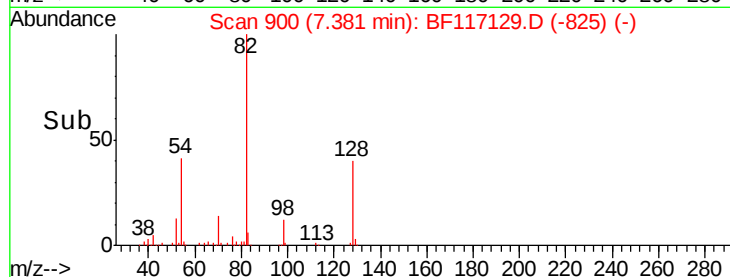
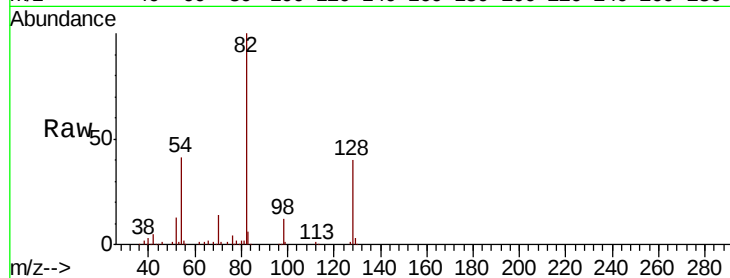
Ion Ratio Lower Upper

70 100

42 38.3 34.0 51.0

101 0.0 7.8 11.6#

130 2.0 17.8 26.8#

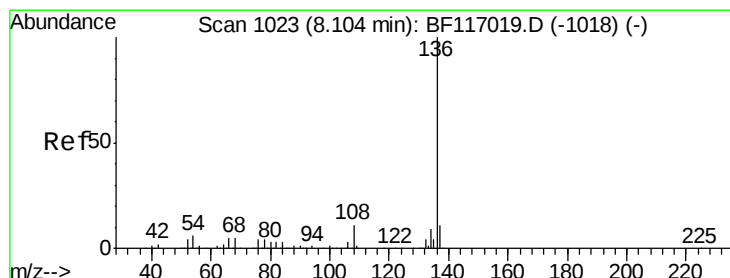
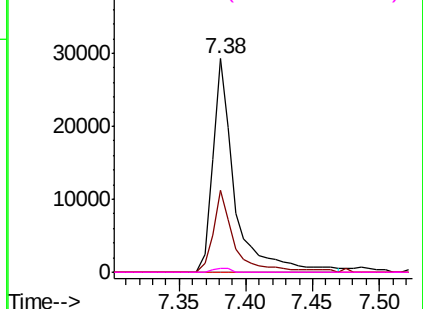


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117129.D

Acq: 18 Sep 2019 1:17

Tgt Ion: 136 Resp: 242804

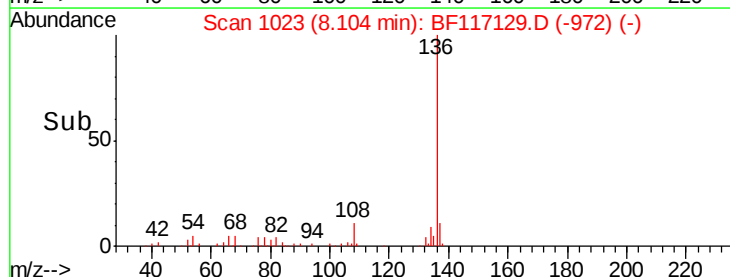
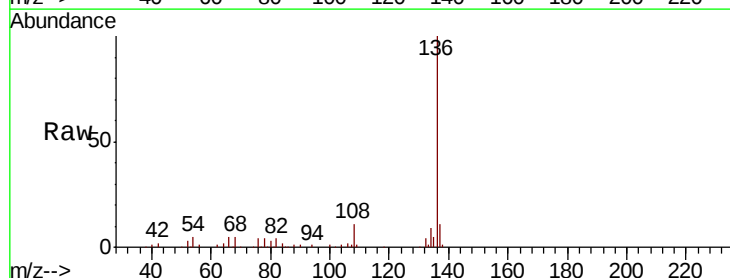
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.4 4.5 6.7

68 4.9 4.0 6.0

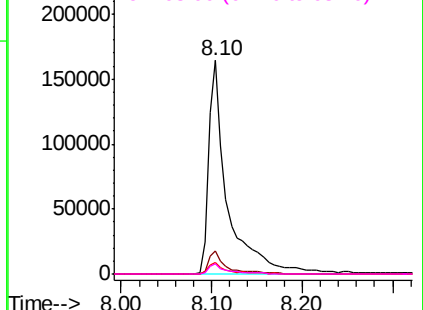


Abundance Ion 136.00 (135.70 to 136.70): BF1

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

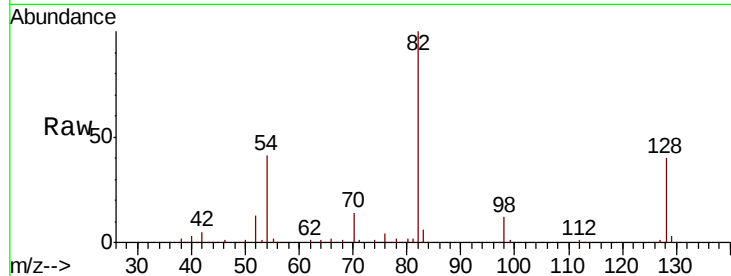




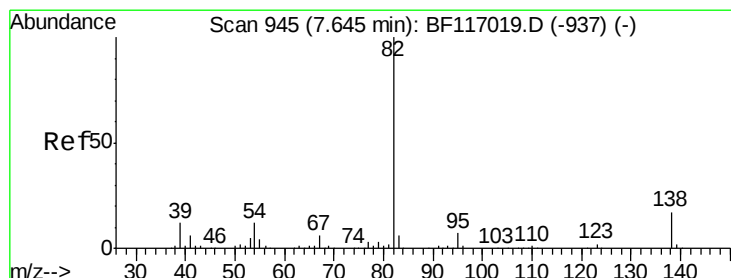
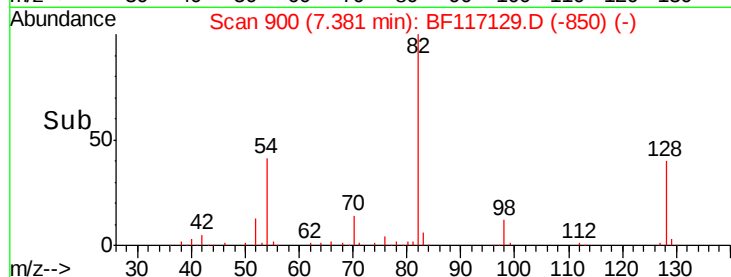
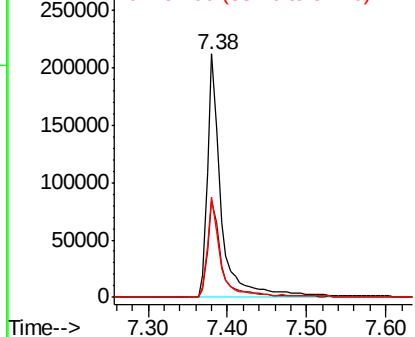
#23
 Nitrobenzene-d5
 Concen: 56.599 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117129.D
 Acq: 18 Sep 2019 1:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-48-COMP

Tot Ion	82	Resp	261549
Ion Ratio	Lower	Upper	
82	100		
128	39.6	32.3	48.5
54	41.0	33.3	49.9

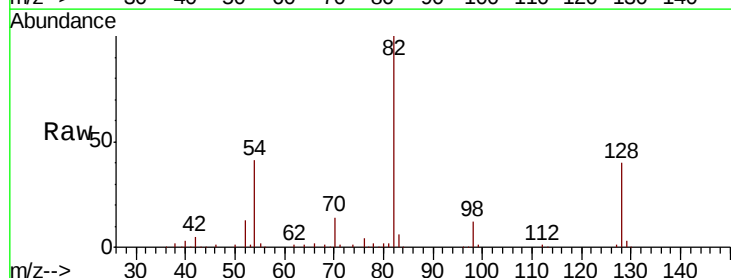


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

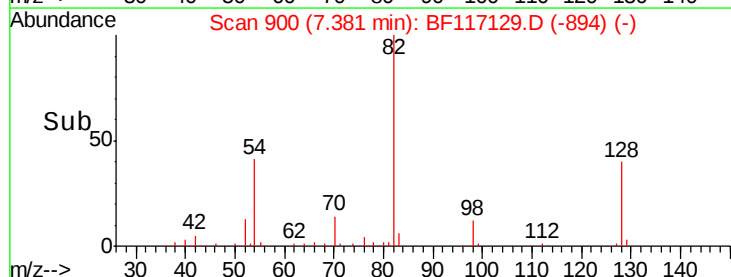
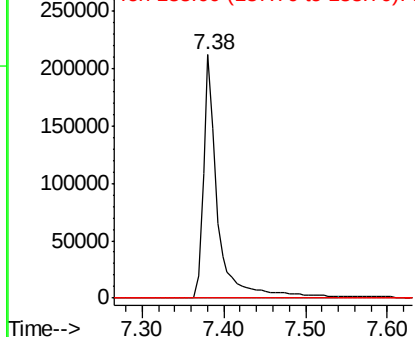


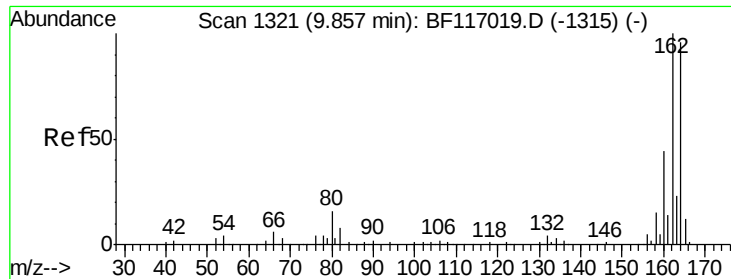
#25
 Isophorone
 Concen: 31.966 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.26 min
 Lab File: BF117129.D
 Acq: 18 Sep 2019 1:17

Tgt Ion	82	Resp	261548
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#



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# 1320

Delta R.T. -0.01 min

Lab File: BF117129.D

Acq: 18 Sep 2019 1:17

Instrument :

BNA_F

ClientSampleId :

SB-48-COMP

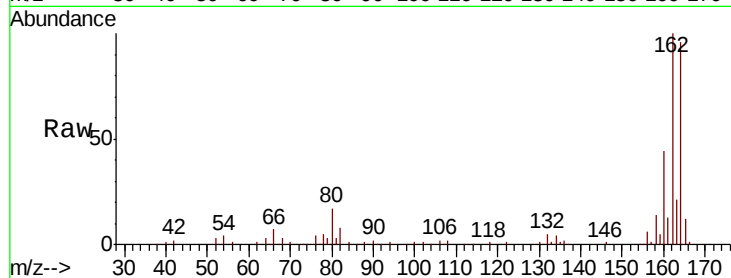
Tot Ion:164 Resp: 127751

Ion Ratio Lower Upper

164 100

162 104.4 83.4 125.2

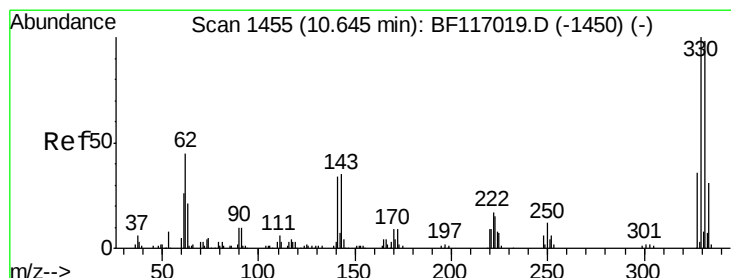
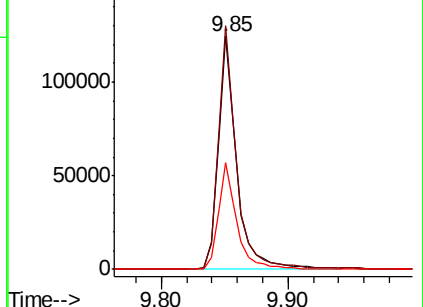
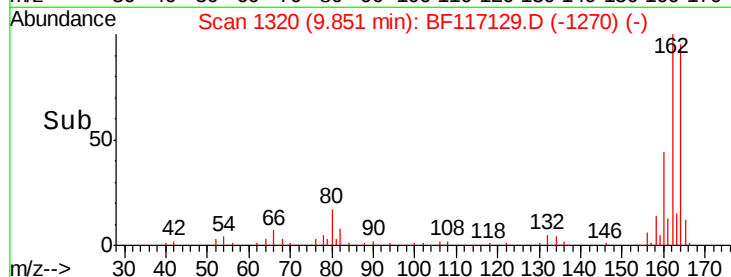
160 45.7 36.4 54.6



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: 83.318 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117129.D

Acq: 18 Sep 2019 1:17

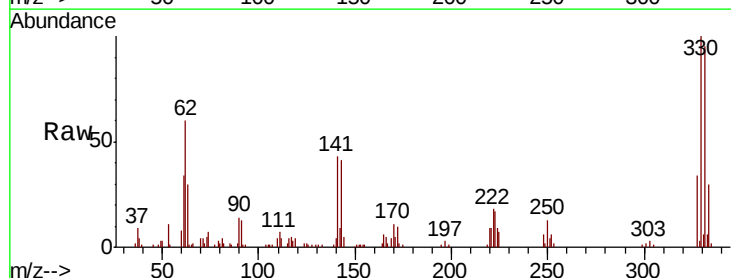
Tgt Ion:330 Resp: 88959

Ion Ratio Lower Upper

330 100

332 96.4 78.0 117.0

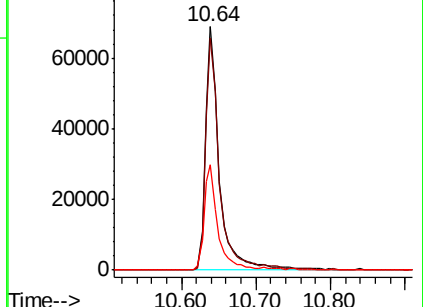
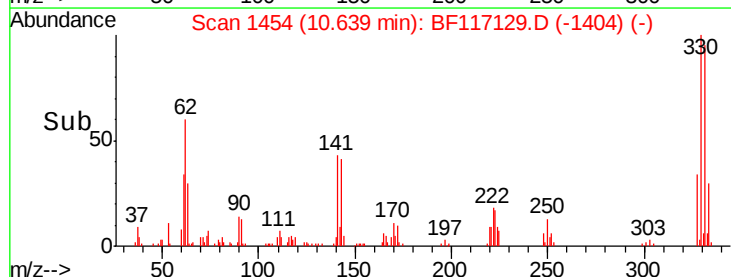
141 43.7 35.8 53.6



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

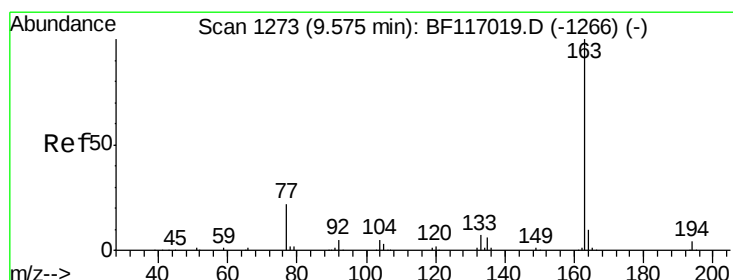
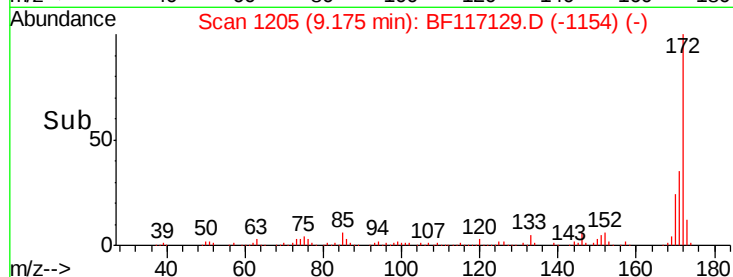
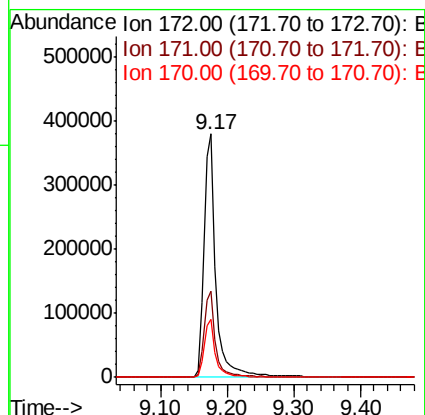
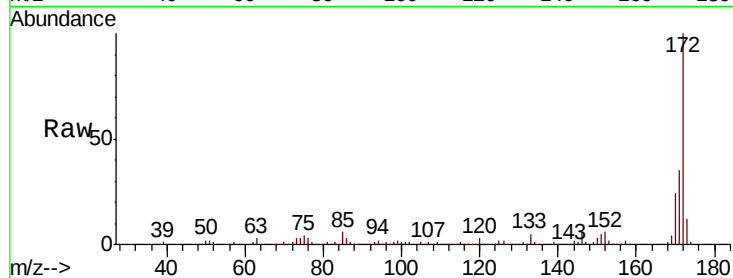




#45
2-Fluorobiphenyl
Concen: 55.603 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117129.D
Acq: 18 Sep 2019 1:17

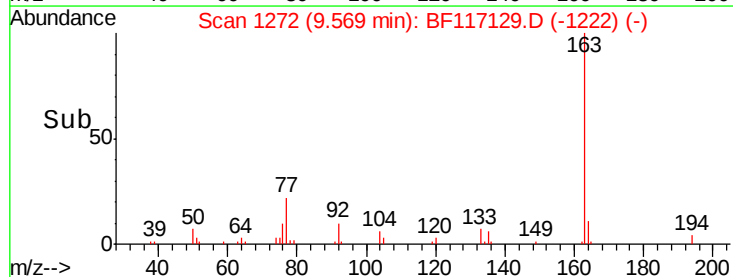
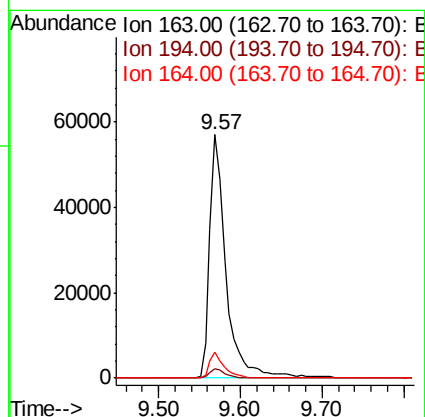
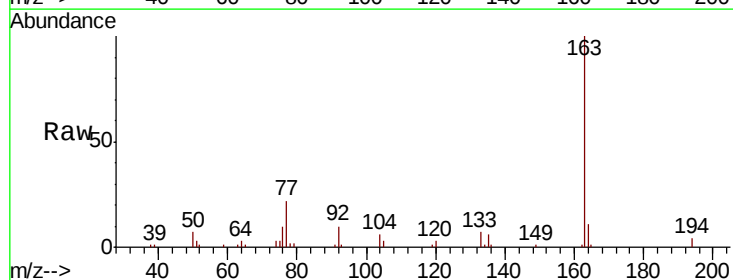
Instrument :
BNA_F
ClientSampleId :
SB-48-COMP

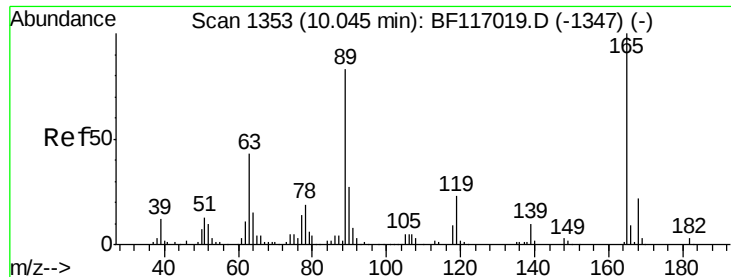
Tot Ion:172 Resp: 454303
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.6 18.9 28.3



#50
Dimethylphthalate
Concen: 8.835 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117129.D
Acq: 18 Sep 2019 1:17

Tgt Ion:163 Resp: 79913
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 10.6 8.2 12.4

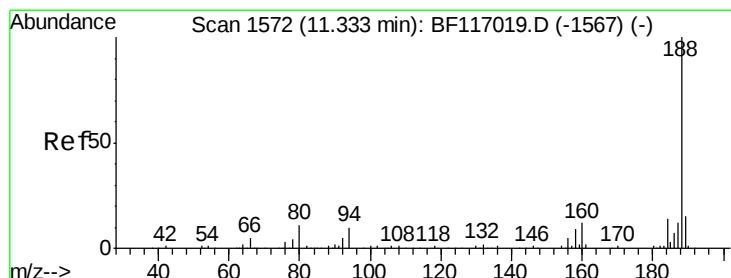
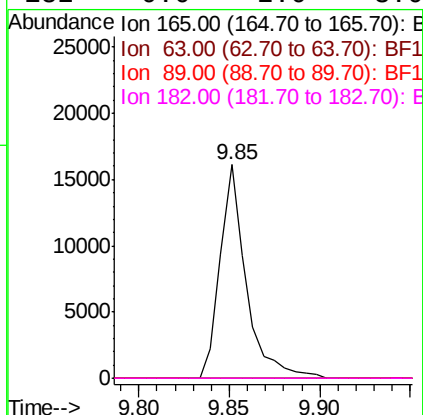
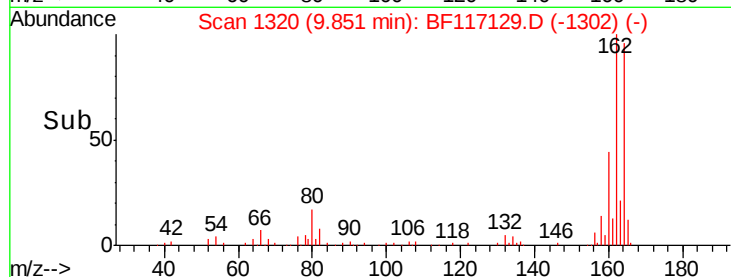
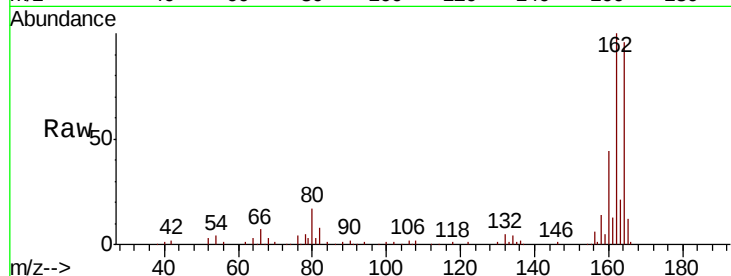




#57
 2,4-Dinitrotoluene
 Concen: 6.759 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF117129.D
 Acq: 18 Sep 2019 1:17

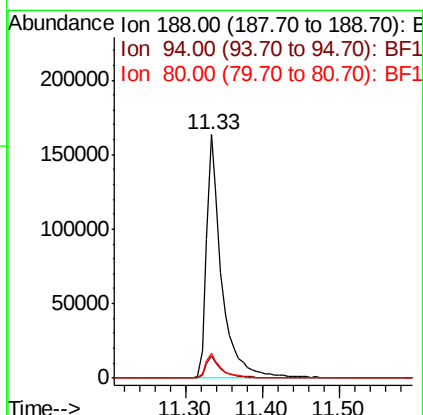
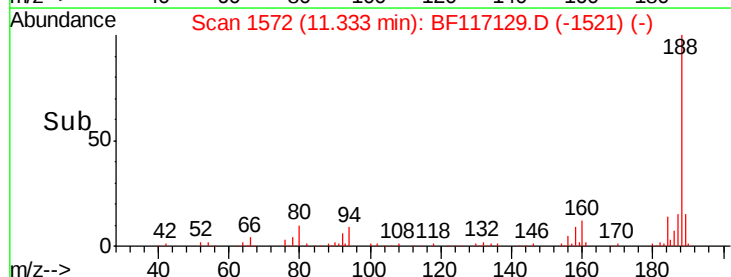
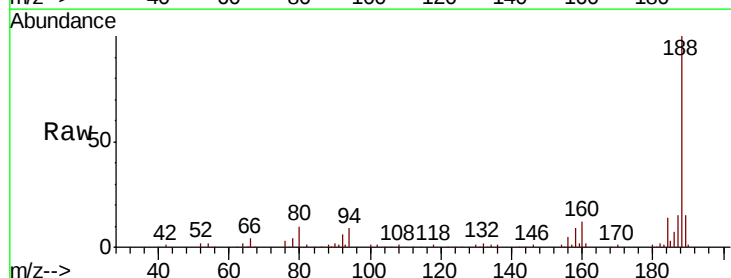
Instrument :
 BNA_F
 ClientSampleId :
 SB-48-COMP

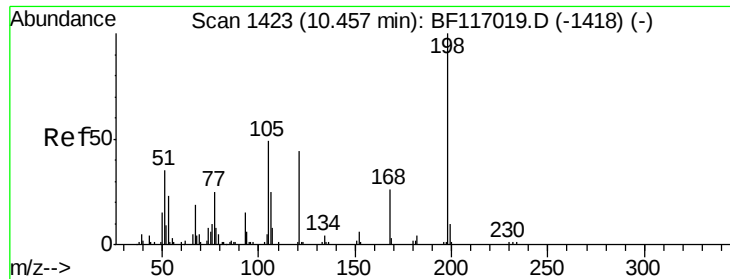
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	35.0	52.4#
89	0.0	66.1	99.1#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF117129.D
 Acq: 18 Sep 2019 1:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	10.3	9.0	13.6

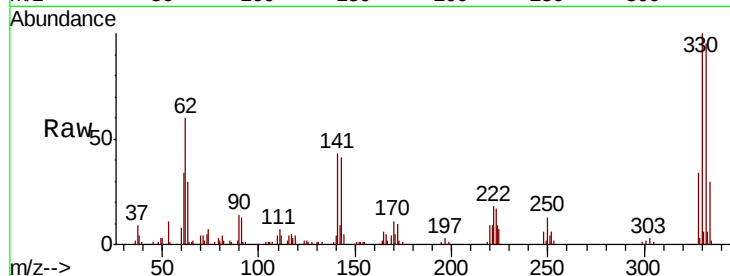




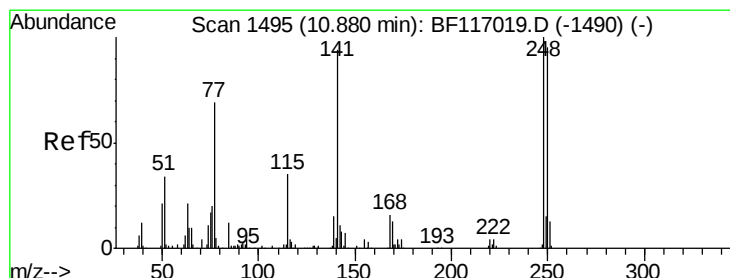
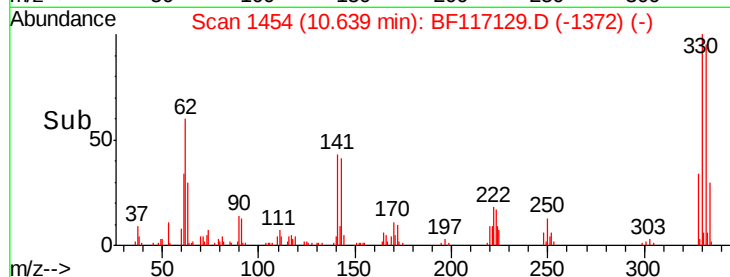
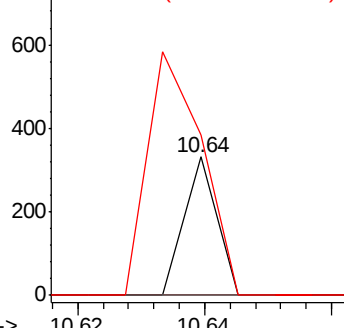
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.001 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.18 min
 Lab File: BF117129.D
 Acq: 18 Sep 2019 1:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-48-COMP

Tot Ion:198 Resp: 117
 Ion Ratio Lower Upper
 198 100
 51 0.0 18.7 58.7#
 105 116.0 30.2 70.2#

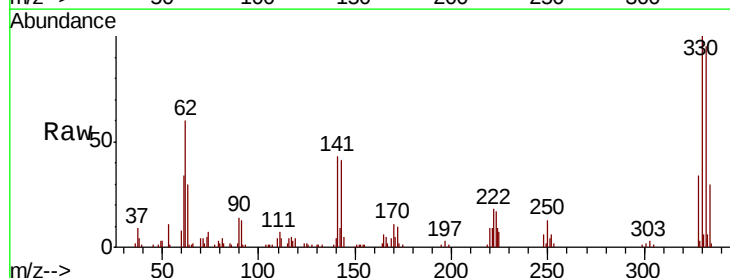


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

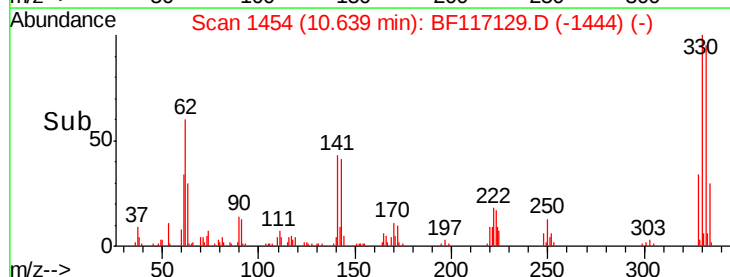
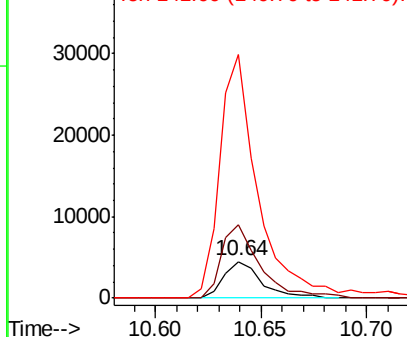


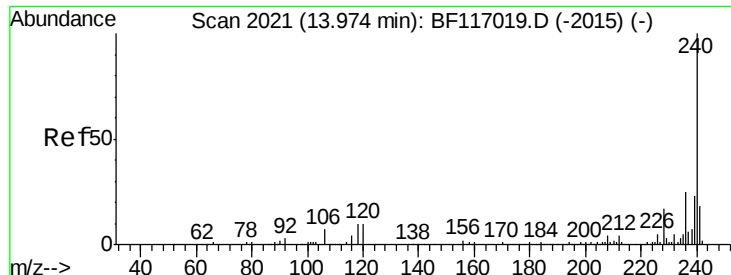
#67
 4-Bromophenyl-phenylether
 Concen: 2.444 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF117129.D
 Acq: 18 Sep 2019 1:17

Tgt Ion:248 Resp: 5555
 Ion Ratio Lower Upper
 248 100
 250 202.1 76.2 114.4#
 141 667.9 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

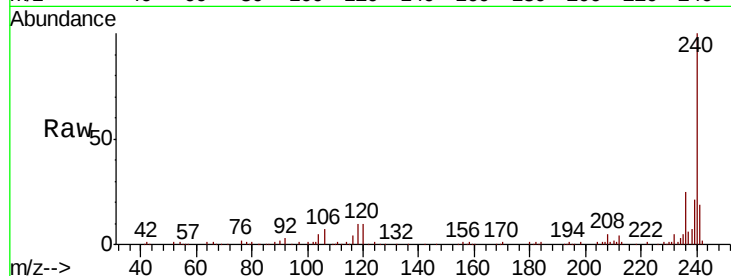




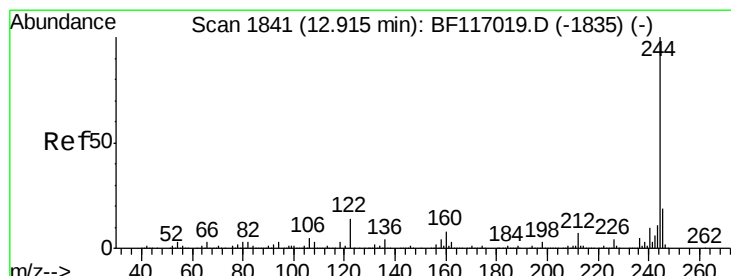
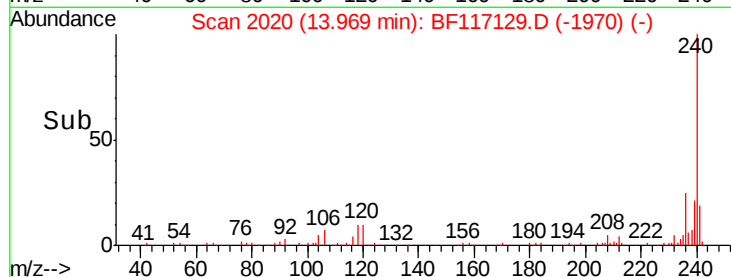
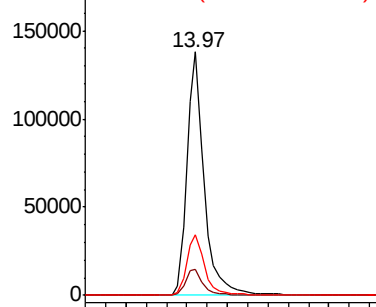
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117129.D
Acq: 18 Sep 2019 1:17

Instrument :
BNA_F
ClientSampleId :
SB-48-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.3	12.5
236	24.9	20.3	30.5

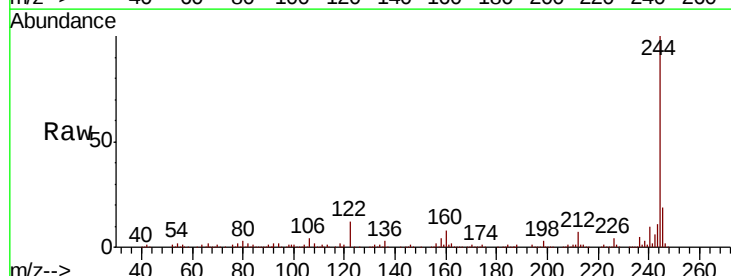


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

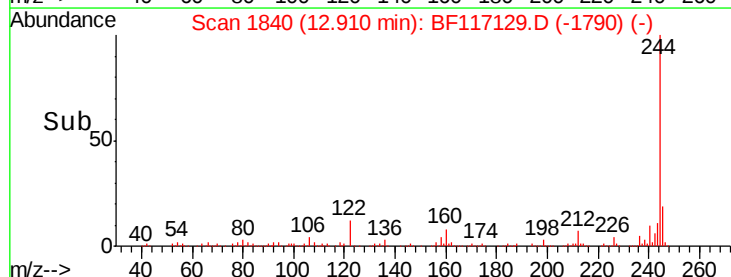
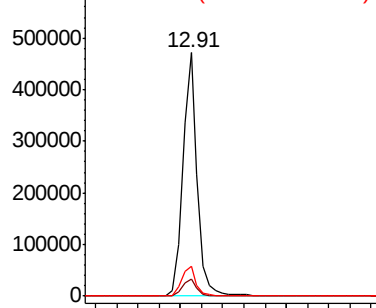


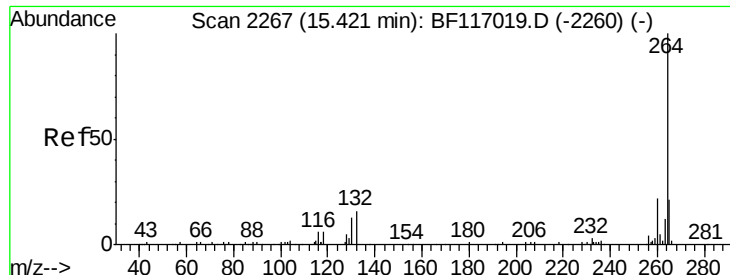
#79
Terphenyl-d14
Concen: 51.672 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117129.D
Acq: 18 Sep 2019 1:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.1	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





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF117129.D
 Acq: 18 Sep 2019 1:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-48-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.6	26.4
265	22.1	16.6	24.8

