

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117247.D
 Acq On : 25 Sep 2019 18:25
 Operator : JU
 Sample : K5014-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 02:30:08 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

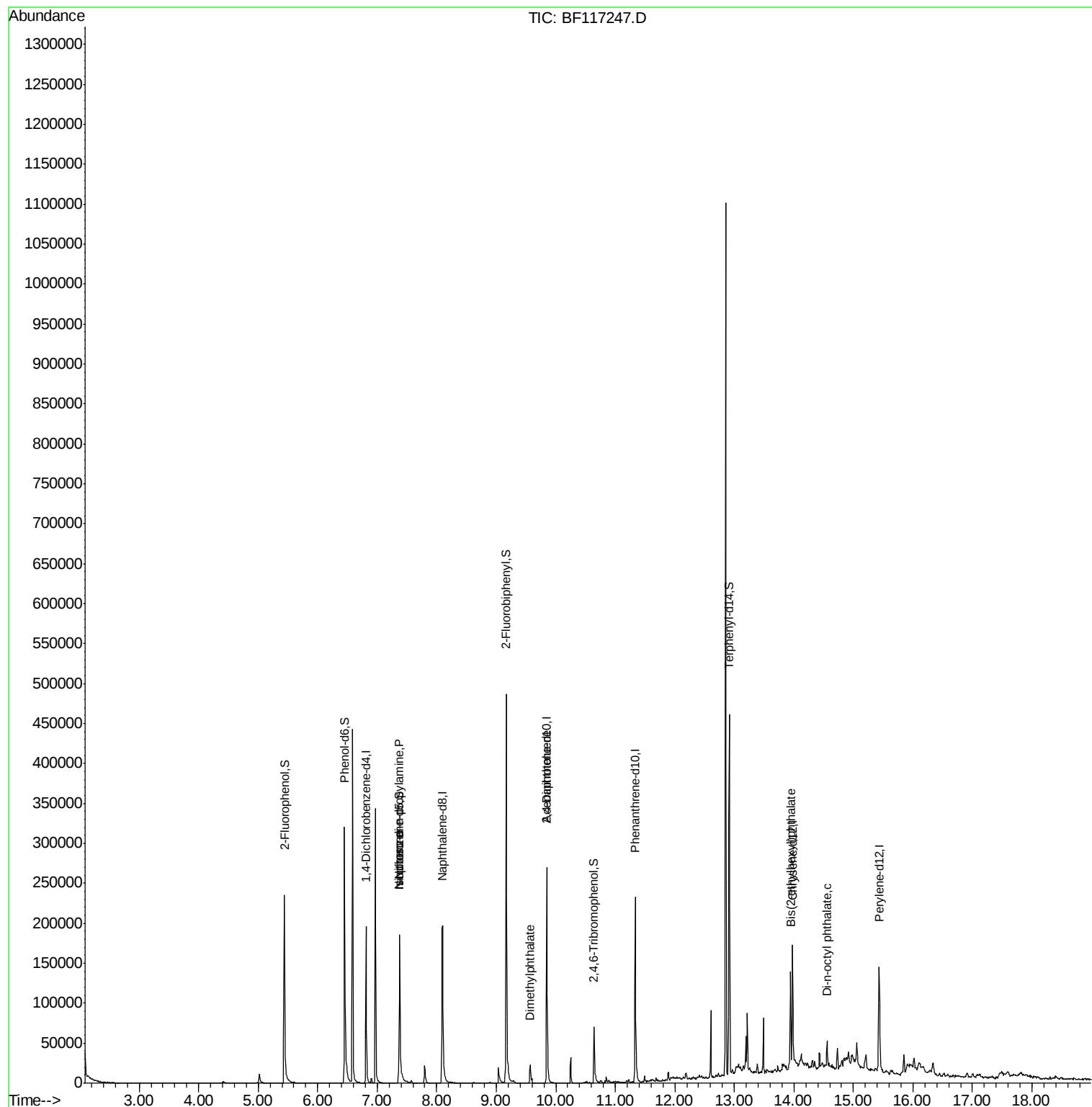
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	34266	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	136643	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	70171	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	103065	20.00	ng	0.00
76) Chrysene-d12	13.97	240	59464	20.00	ng	0.00
87) Perylene-d12	15.43	264	62830	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	86967	39.62	ng	0.00
7) Phenol-d6	6.45	99	136564	48.15	ng	0.00
23) Nitrobenzene-d5	7.37	82	90311	34.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	12324	21.01	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	167058	37.22	ng	0.00
79) Terphenyl-d14	12.92	244	134668	42.33	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	2520	Below Cal		88
19) n-Nitroso-di-n-propylamine	7.37	70	11849	6.860 ng	#	80
25) Isophorone	7.37	82	90310	19.613 ng	#	66
50) Dimethylphthalate	9.57	163	15506	3.121 ng		100
57) 2,4-Dinitrotoluene	9.85	165	8757	6.667 ng	#	18
84) Bis(2-ethylhexyl)phthalate	13.94	149	45274	14.894 ng		98
85) Di-n-octyl phthalate	14.56	149	15486	3.237 ng	#	96

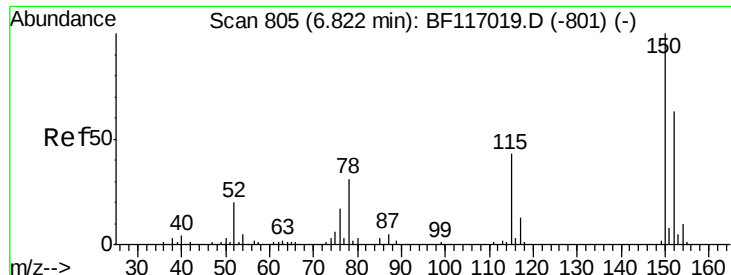
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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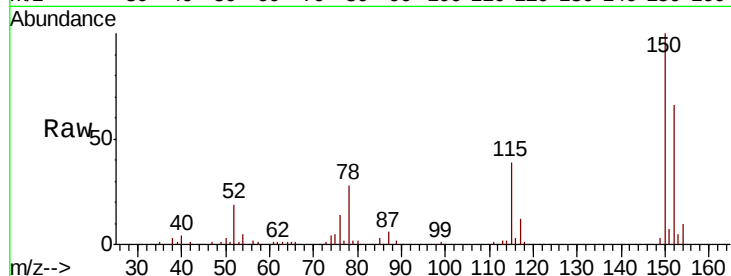


#1

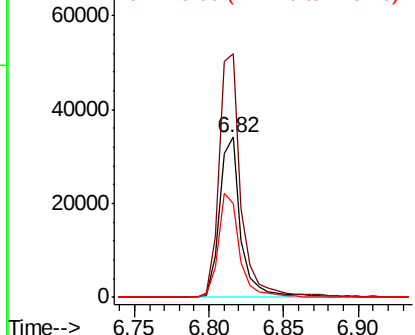
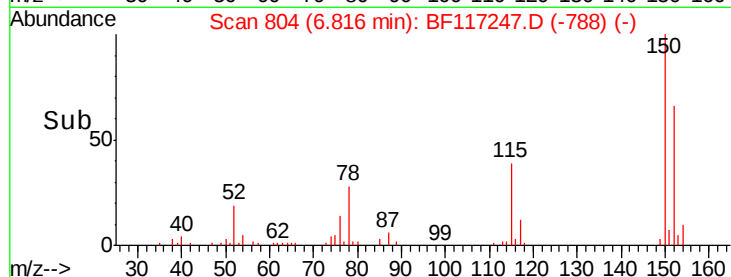
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117247.D
Acq: 25 Sep 2019 18:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 34266
Ion Ratio Lower Upper
152 100
150 152.3 127.5 191.3
115 58.7 55.0 82.4



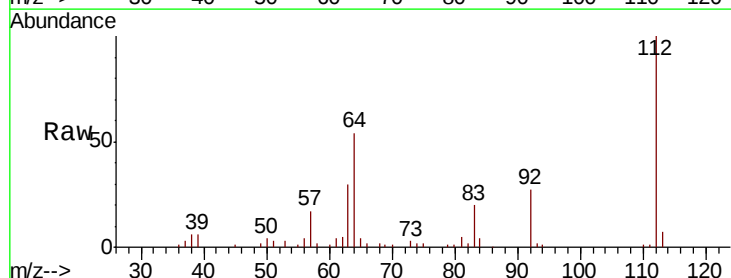
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



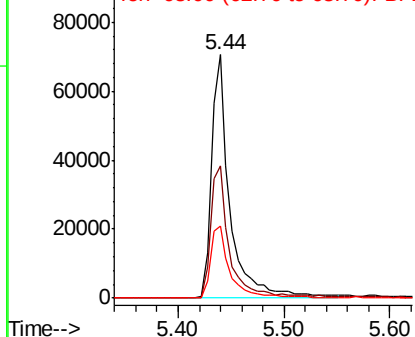
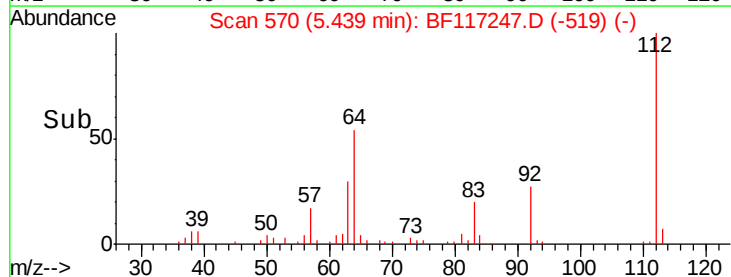
#5

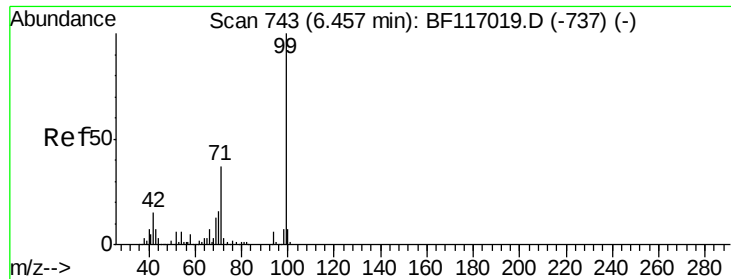
2-Fluorophenol
Concen: 39.624 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF117247.D
Acq: 25 Sep 2019 18:25

Tgt Ion:112 Resp: 86967
Ion Ratio Lower Upper
112 100
64 54.1 45.7 68.5
63 29.8 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: 48.146 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117247.D

Acq: 25 Sep 2019 18:25

Instrument :

BNA_F

ClientSampleId :

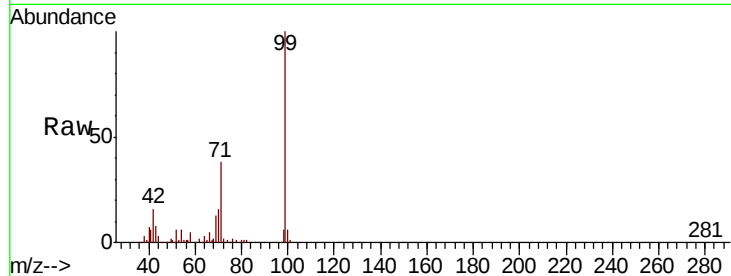
Tot Ion: 99 Resp: 136564

Ion Ratio Lower Upper

99 100

42 15.7 12.2 18.2

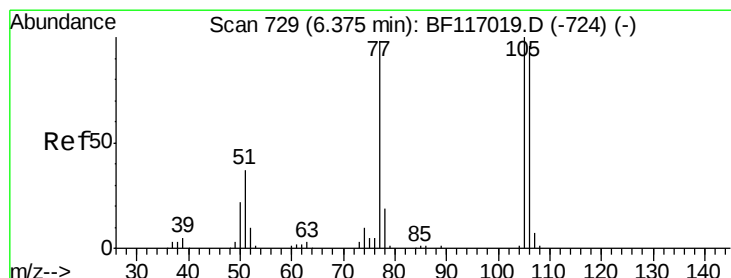
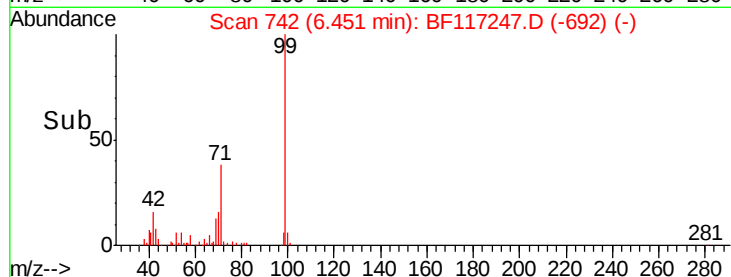
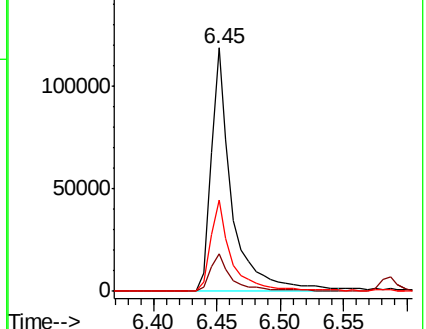
71 37.6 29.8 44.8



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: 6.59 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF117247.D

Acq: 25 Sep 2019 18:25

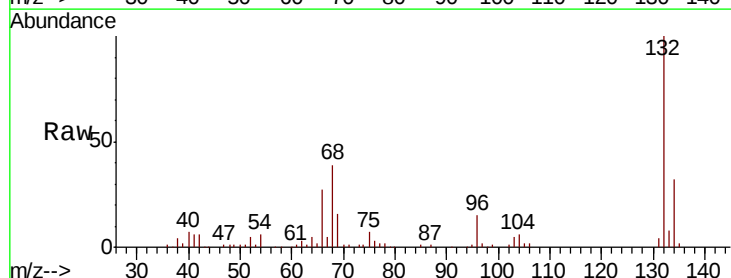
Tgt Ion: 77 Resp: 2520

Ion Ratio Lower Upper

77 100

105 82.7 81.8 121.8

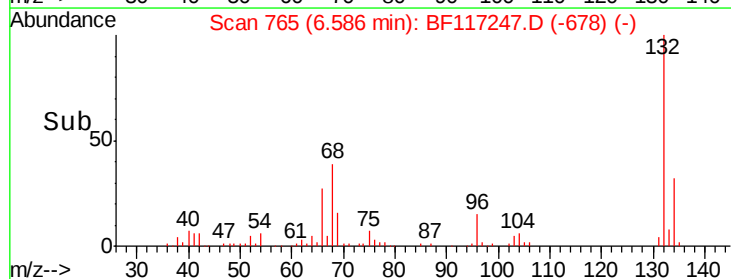
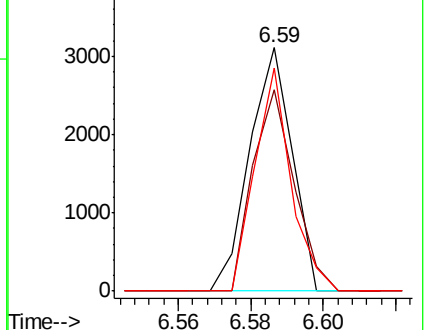
106 91.8 77.3 117.3



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

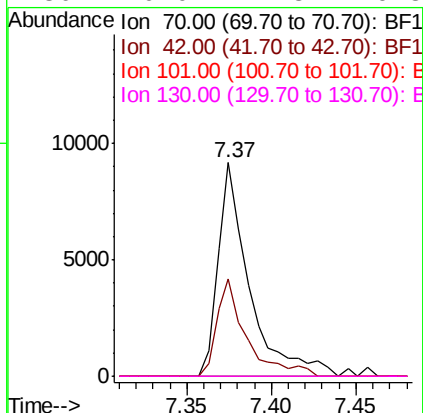
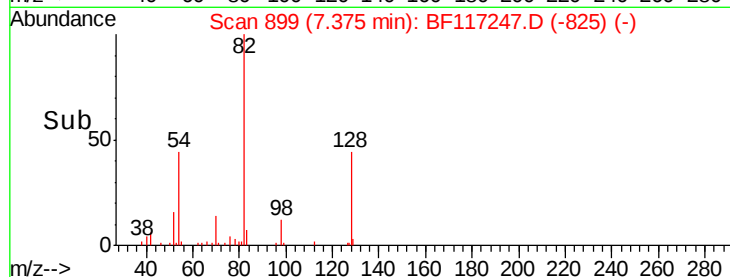
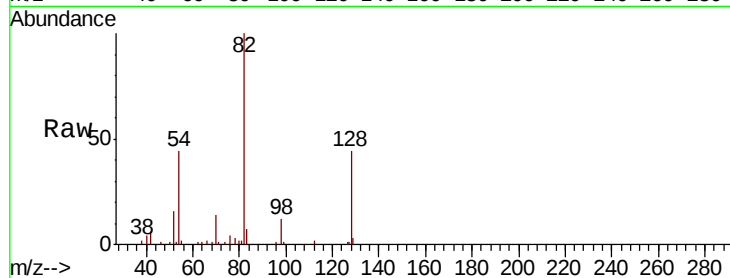




#19
n-Nitroso-di-n-propylamine
Concen: 6.860 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF117247.D
Acq: 25 Sep 2019 18:25

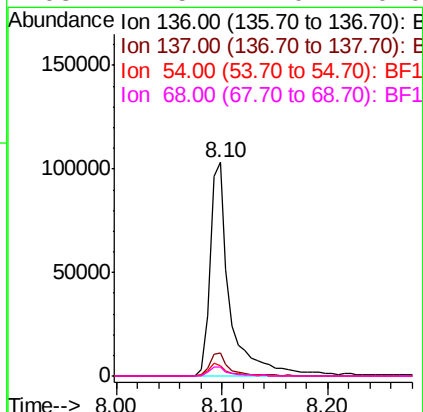
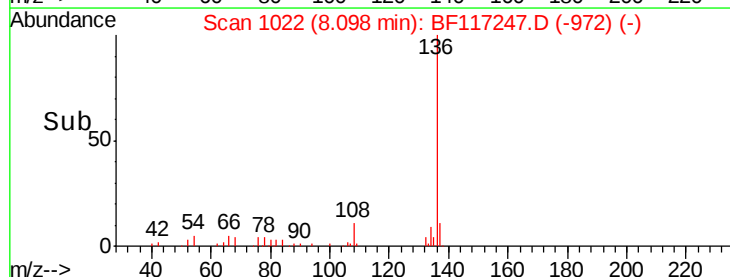
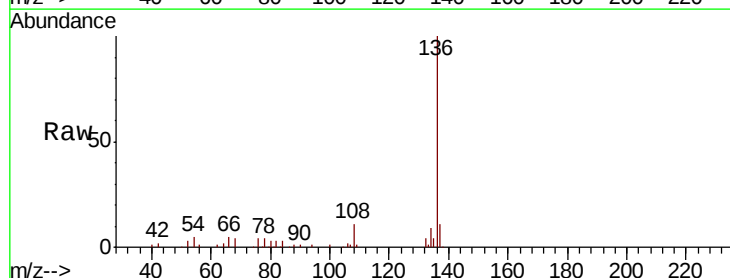
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 11849
Ion Ratio Lower Upper
70 100
42 45.8 34.0 51.0
101 0.0 7.8 11.6#
130 0.0 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF117247.D
Acq: 25 Sep 2019 18:25

Tgt Ion: 136 Resp: 136643
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 5.1 4.5 6.7
68 4.5 4.0 6.0

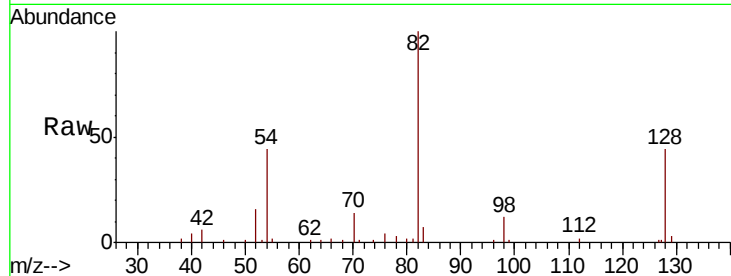




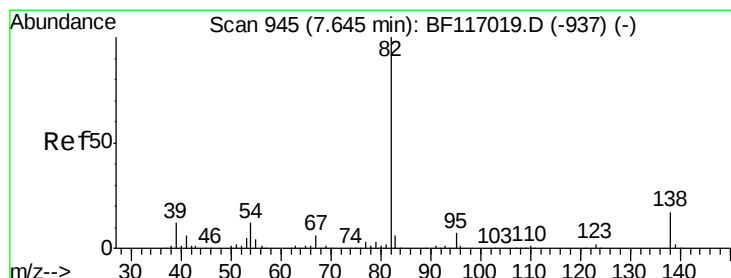
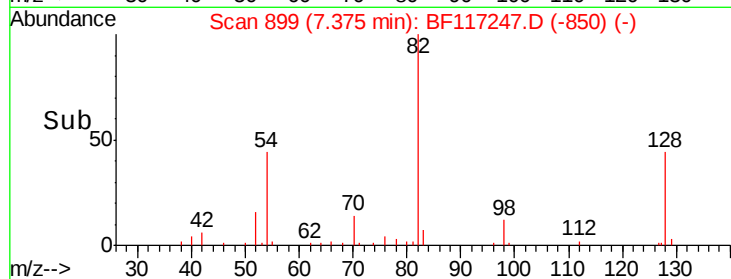
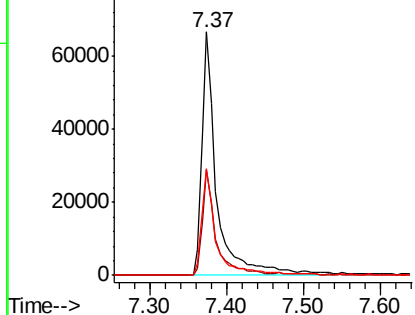
#23
 Nitrobenzene-d5
 Concen: 34.727 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF117247.D
 Acq: 25 Sep 2019 18:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	90311
Ion Ratio	Lower	Upper	
82	100		
128	43.5	32.3	48.5
54	44.0	33.3	49.9

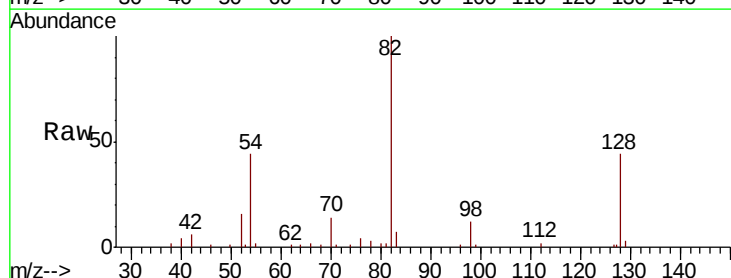


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

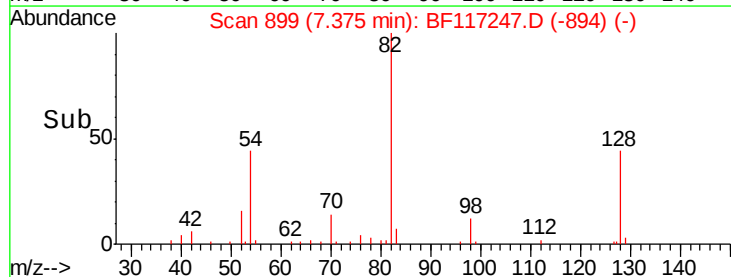
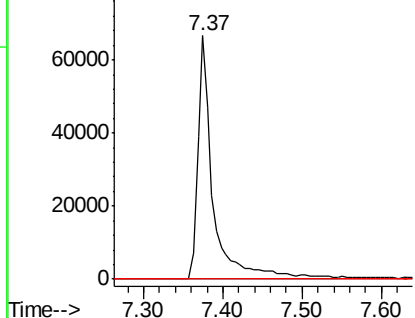


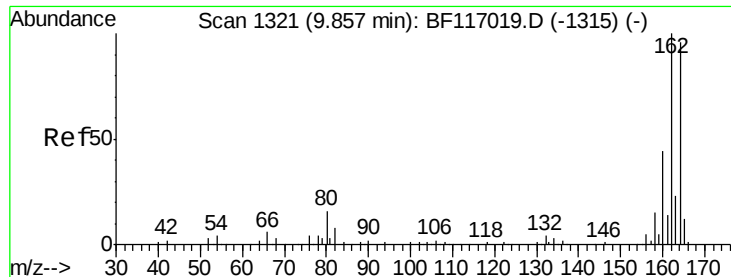
#25
 Isophorone
 Concen: 19.613 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.27 min
 Lab File: BF117247.D
 Acq: 25 Sep 2019 18:25

Tgt Ion	82	Resp	90310
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

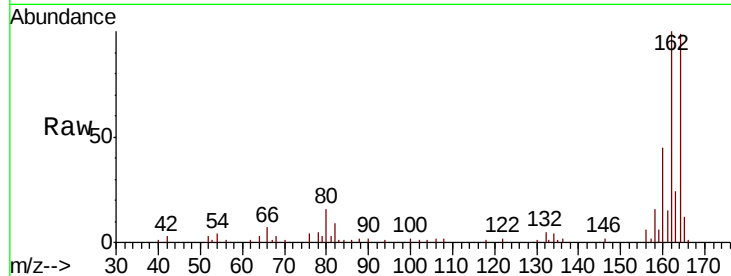




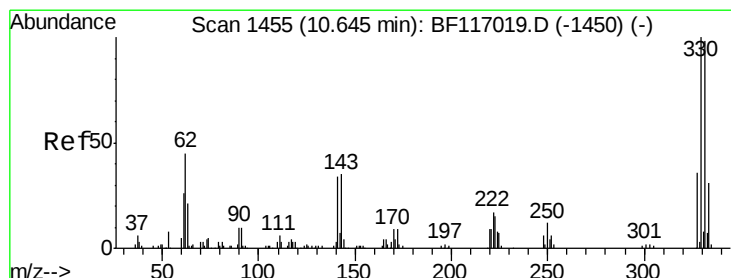
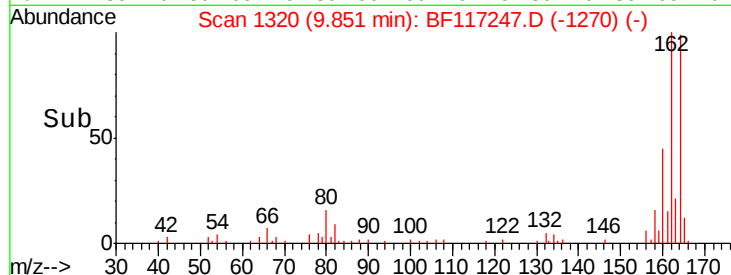
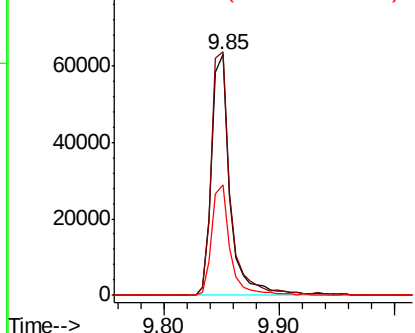
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117247.D
 Acq: 25 Sep 2019 18:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 70171
 Ion Ratio Lower Upper
 164 100
 162 101.2 83.4 125.2
 160 45.9 36.4 54.6

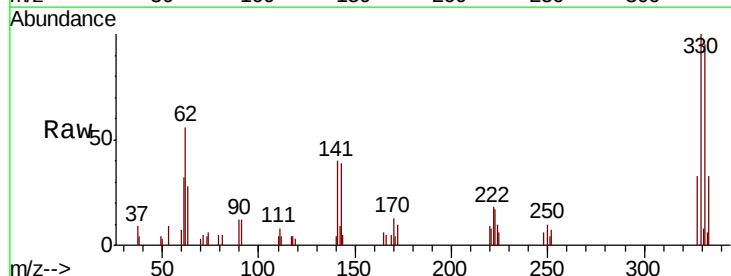


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

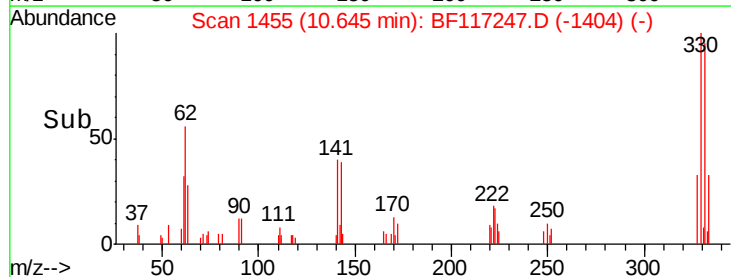
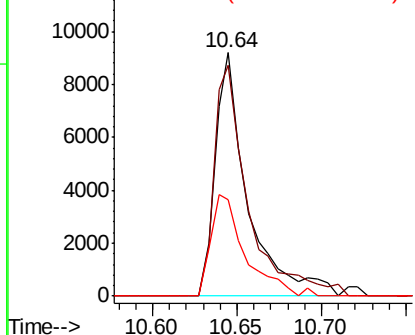


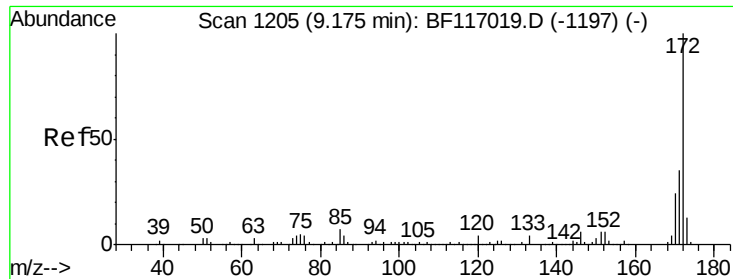
#42
 2,4,6-Tribromophenol
 Concen: 21.014 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF117247.D
 Acq: 25 Sep 2019 18:25

Tgt Ion:330 Resp: 12324
 Ion Ratio Lower Upper
 330 100
 332 100.1 78.0 117.0
 141 44.6 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

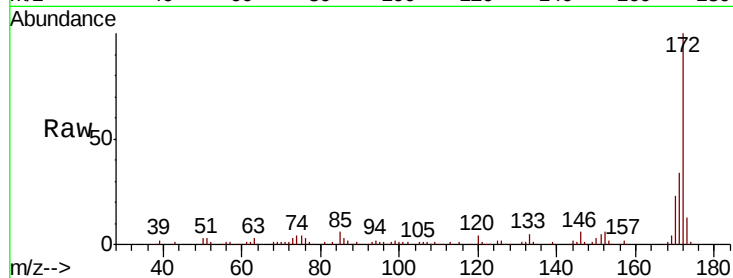




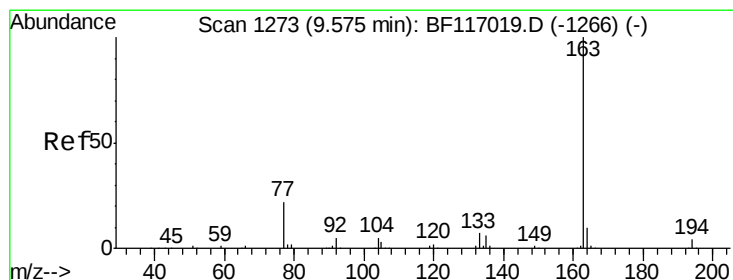
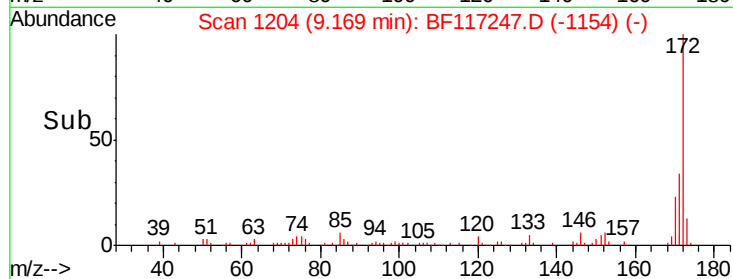
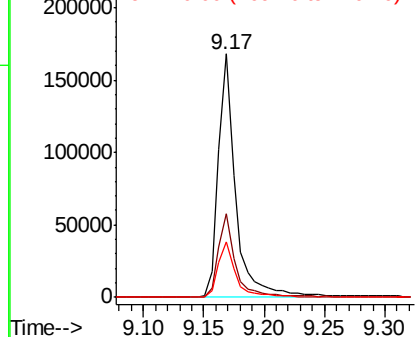
#45
2-Fluorobiphenyl
Concen: 37.224 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117247.D
Acq: 25 Sep 2019 18:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 167058
Ion Ratio Lower Upper
172 100
171 34.3 28.2 42.2
170 22.6 18.9 28.3

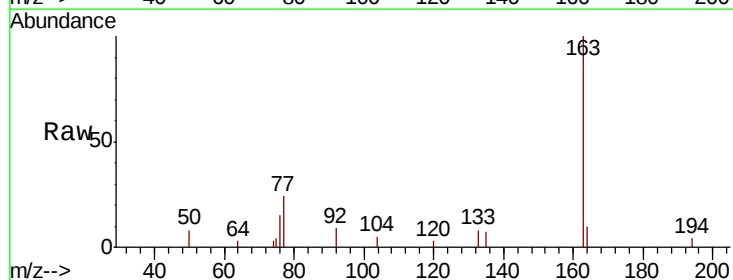


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

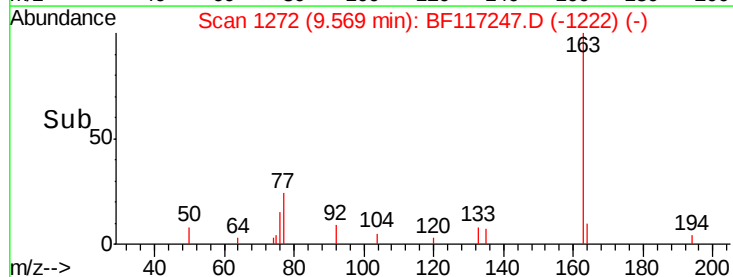
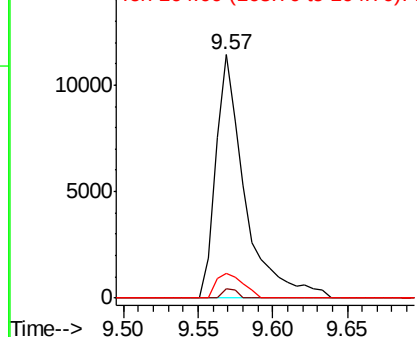


#50
Dimethylphthalate
Concen: 3.121 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF117247.D
Acq: 25 Sep 2019 18:25

Tgt Ion:163 Resp: 15506
Ion Ratio Lower Upper
163 100
194 3.6 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

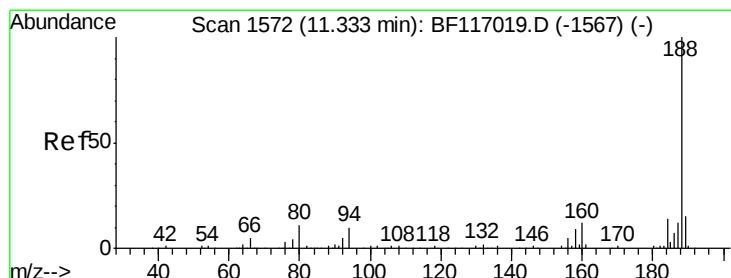
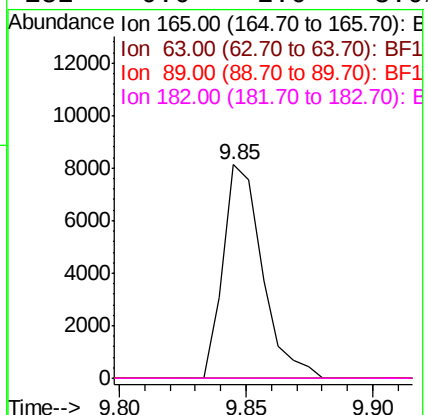
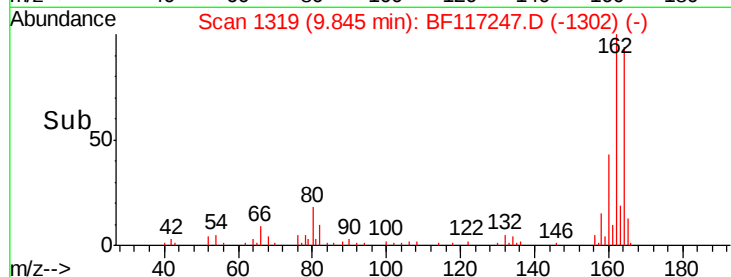
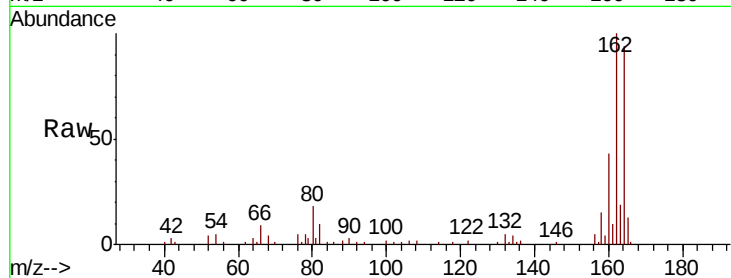




#57
 2,4-Dinitrotoluene
 Concen: 6.667 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF117247.D
 Acq: 25 Sep 2019 18:25

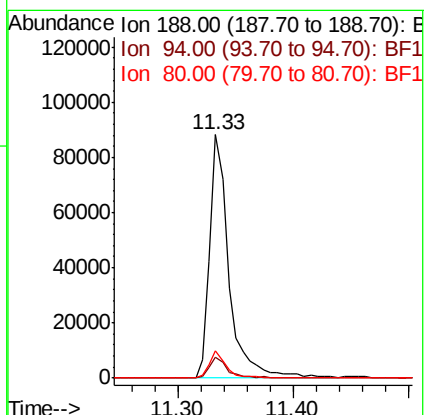
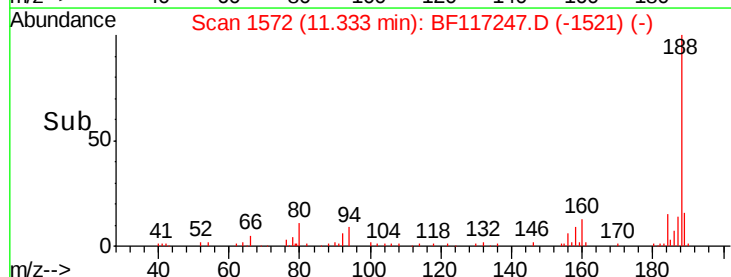
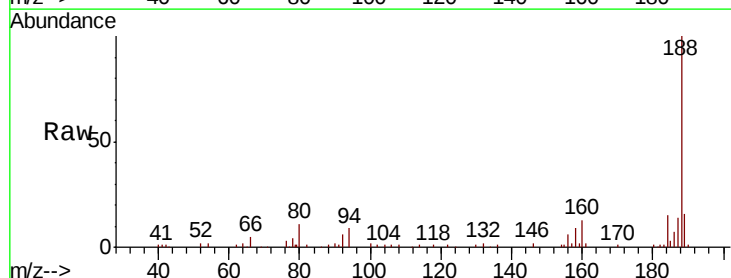
Instrument :
 BNA_F
 ClientSampleId :

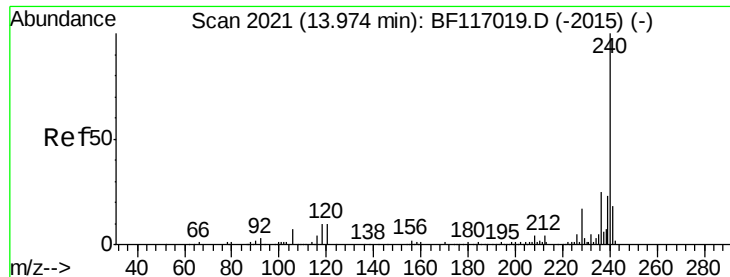
Tot Ion:165 Resp: 8757
 Ion Ratio Lower Upper
 165 100
 63 0.0 35.0 52.4#
 89 0.0 66.1 99.1#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF117247.D
 Acq: 25 Sep 2019 18:25

Tgt Ion:188 Resp: 103065
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.2 12.2
 80 11.0 9.0 13.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF117247.D

Acq: 25 Sep 2019 18:25

Instrument :

BNA_F

ClientSampleId :

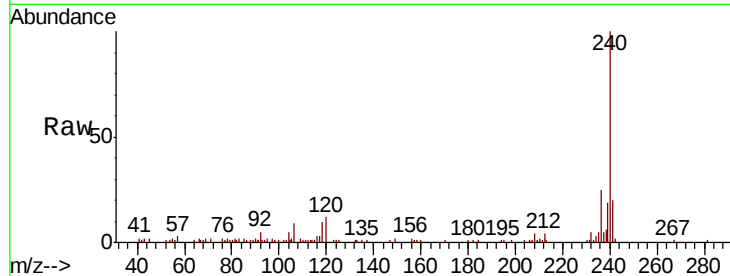
Tot Ion:240 Resp: 59464

Ion Ratio Lower Upper

240 100

120 11.8 8.3 12.5

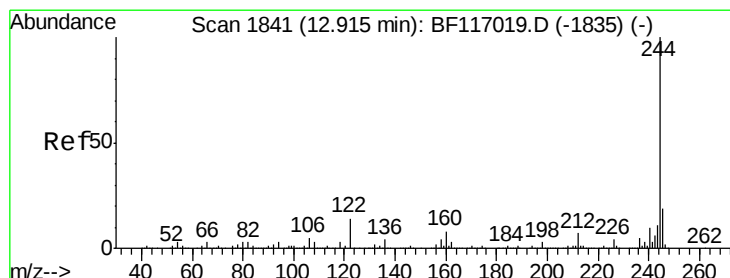
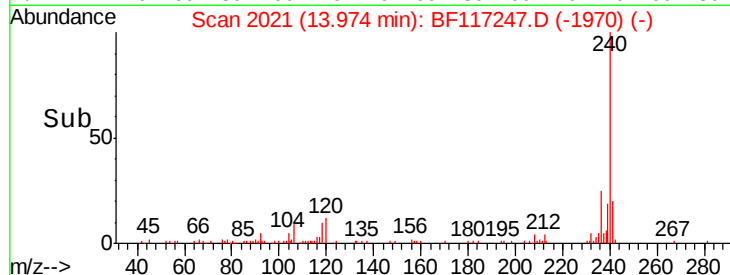
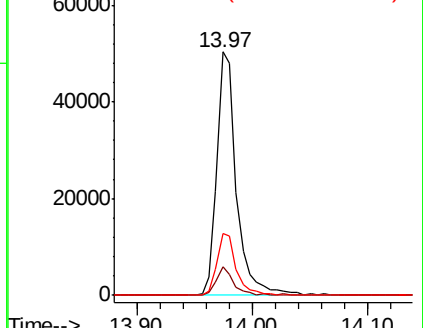
236 25.2 20.3 30.5



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: 42.332 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF117247.D

Acq: 25 Sep 2019 18:25

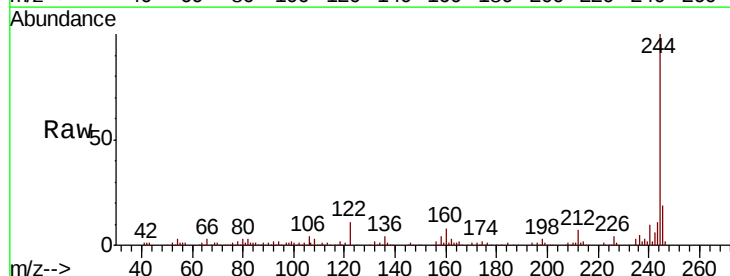
Tgt Ion:244 Resp: 134668

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

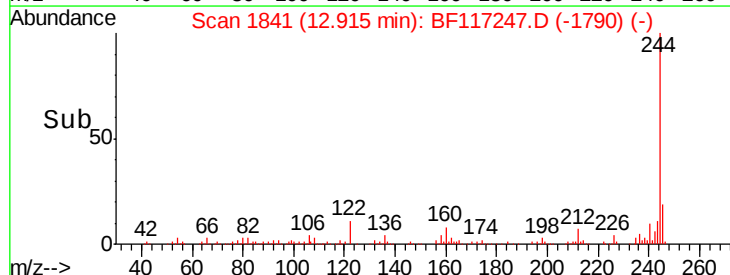
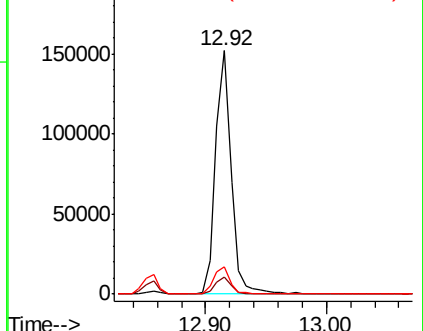
122 11.3 11.3 16.9

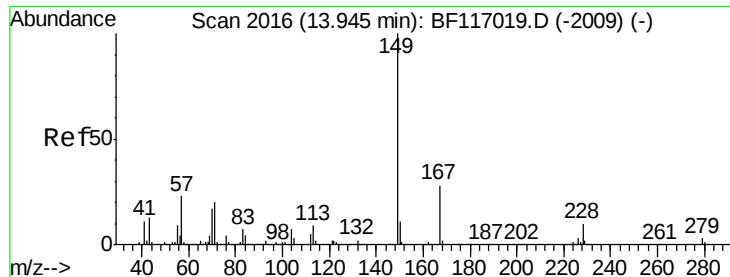


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 14.894 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF117247.D

Acq: 25 Sep 2019 18:25

Instrument :

BNA_F

ClientSampleId :

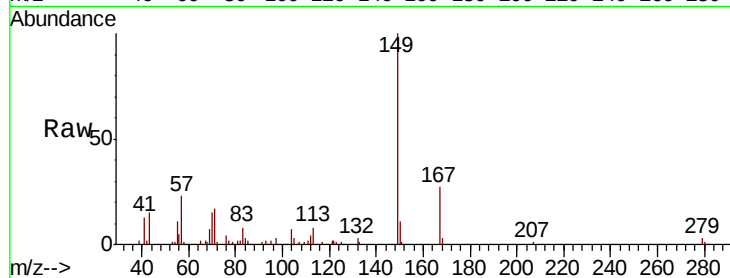
Tot Ion:149 Resp: 45274

Ion Ratio Lower Upper

149 100

167 26.8 22.2 33.2

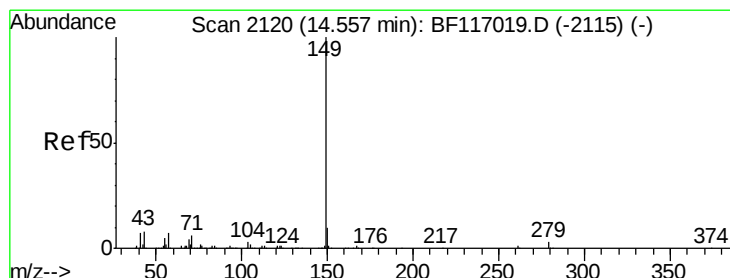
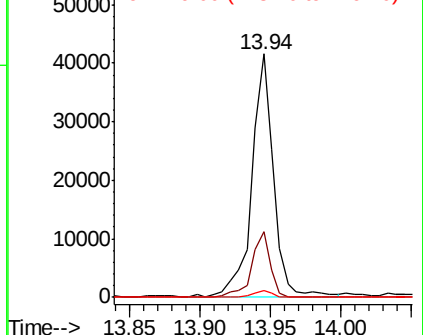
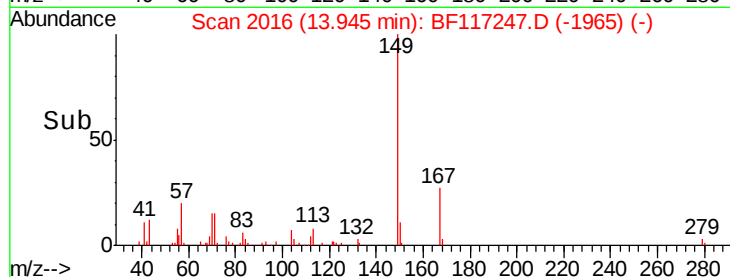
279 2.9 2.8 4.2



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: 3.237 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BF117247.D

Acq: 25 Sep 2019 18:25

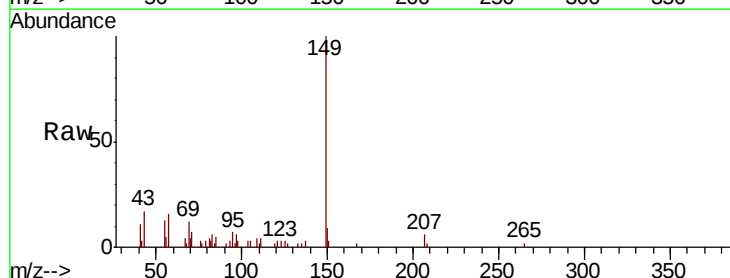
Tgt Ion:149 Resp: 15486

Ion Ratio Lower Upper

149 100

167 3.1 1.2 1.8#

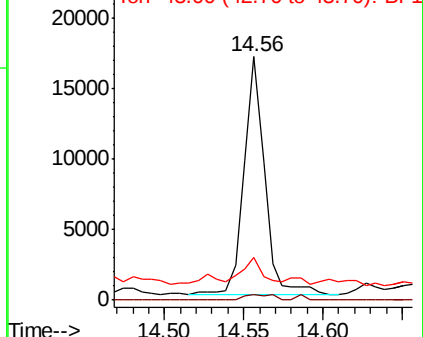
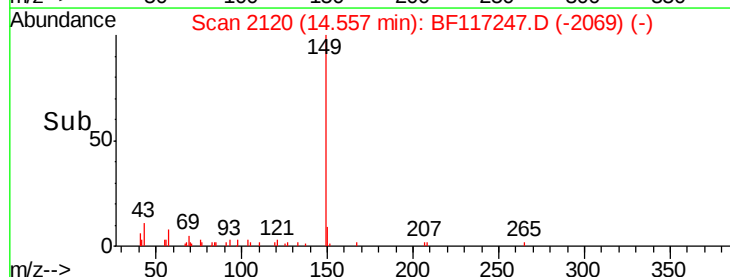
43 9.1 6.2 9.4

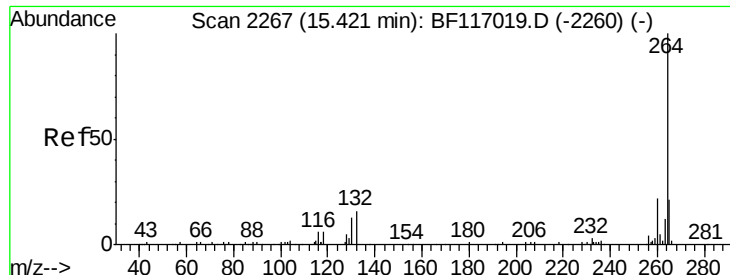


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

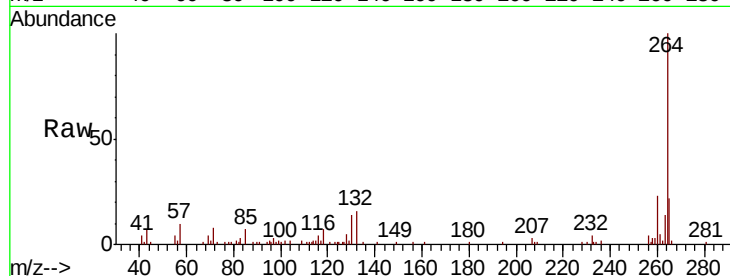




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF117247.D
 Acq: 25 Sep 2019 18:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 62830
 Ion Ratio Lower Upper
 264 100
 260 22.9 17.6 26.4
 265 21.5 16.6 24.8



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

