

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
 Data File : BF117347.D
 Acq On : 8 Oct 2019 18:17
 Operator : JU
 Sample : K5230-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:31:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

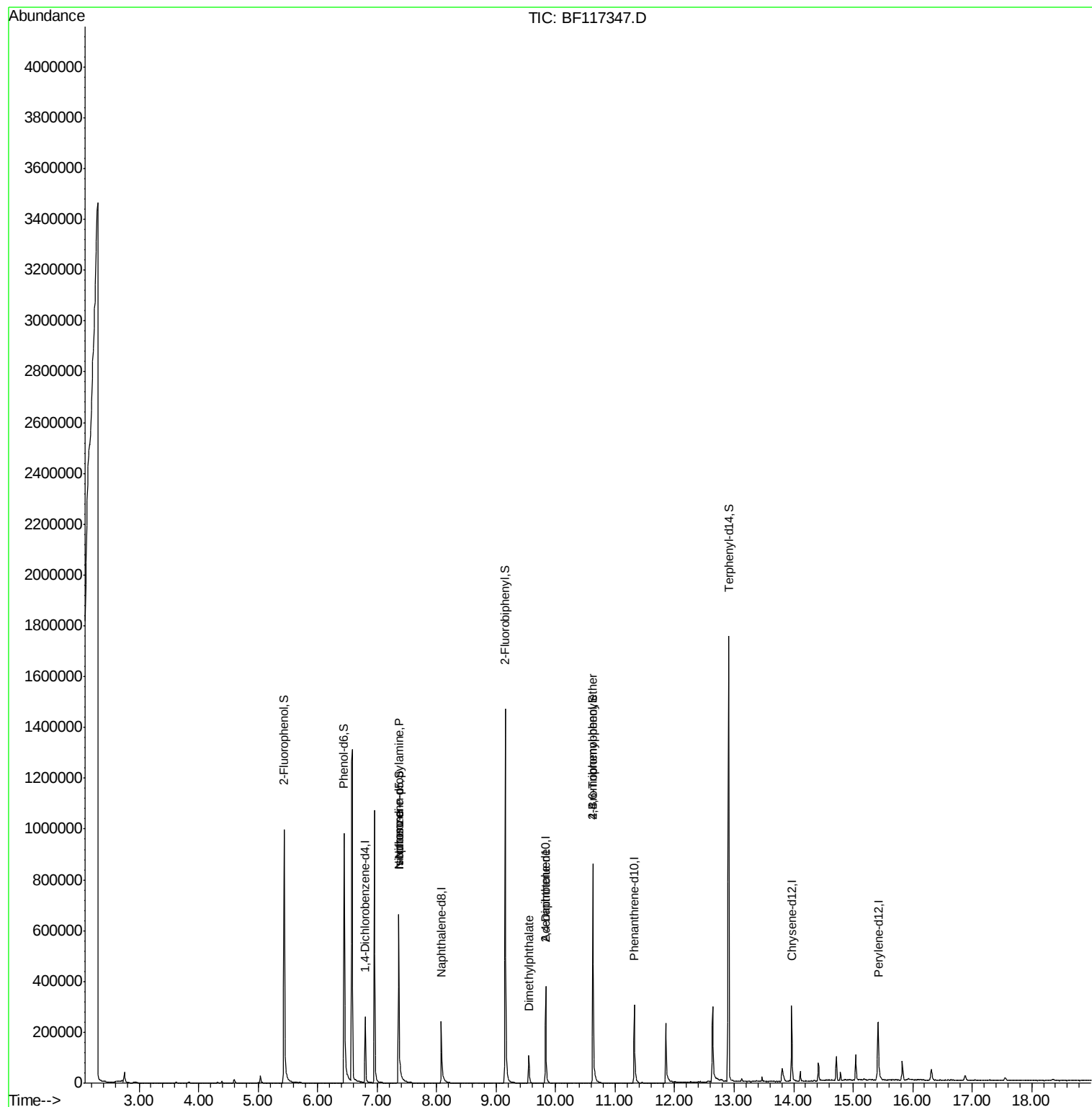
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	42816	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	168837	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	91302	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	152395	20.00	ng	0.00
76) Chrysene-d12	13.97	240	120657	20.00	ng	0.00
87) Perylene-d12	15.42	264	108314	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	365376	133.23	ng	0.01
7) Phenol-d6	6.45	99	472347	133.27	ng	0.00
23) Nitrobenzene-d5	7.36	82	303834	94.55	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	109841	143.95	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	546132	93.53	ng	0.00
79) Terphenyl-d14	12.91	244	603844	93.55	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	453	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.36	70	38046	17.629	ng	# 79
25) Isophorone	7.36	82	303832	53.402	ng	# 66
50) Dimethylphthalate	9.55	163	53373	8.256	ng	# 98
57) 2,4-Dinitrotoluene	9.83	165	11435	6.691	ng	# 18
67) 4-Bromophenyl-phenylether	10.63	248	7256	4.662	ng	# 1

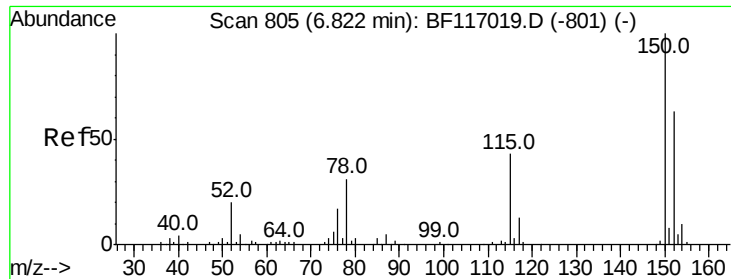
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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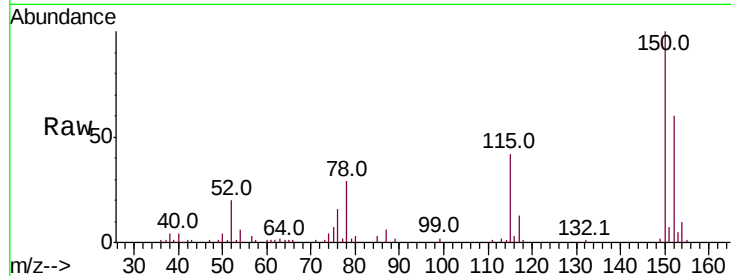


#1

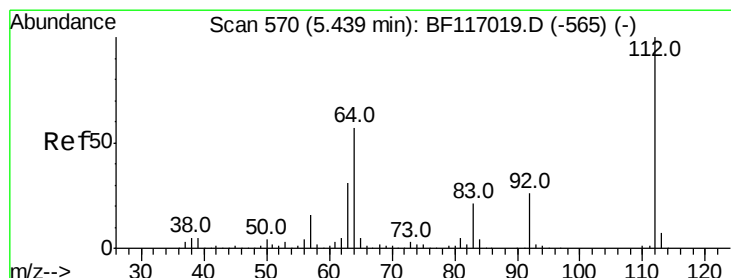
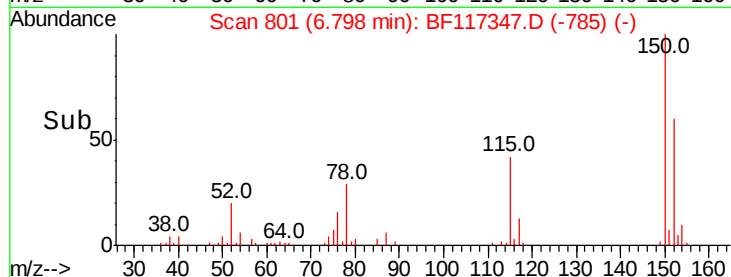
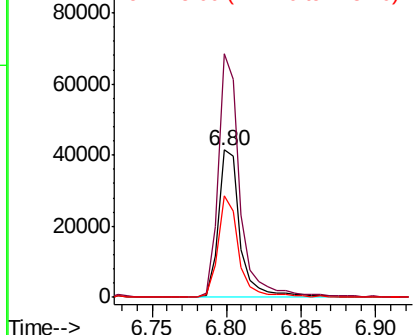
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF117347.D
Acq: 8 Oct 2019 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 42816
Ion Ratio Lower Upper
152 100
150 165.5 127.5 191.3
115 69.0 55.0 82.4



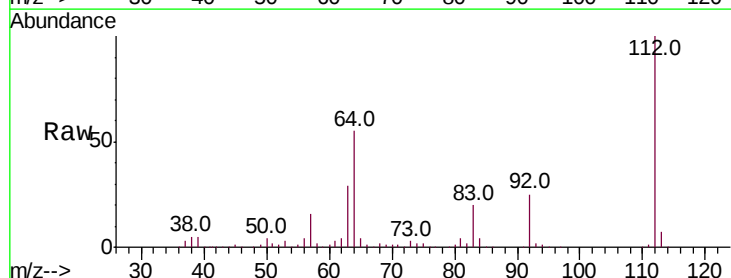
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



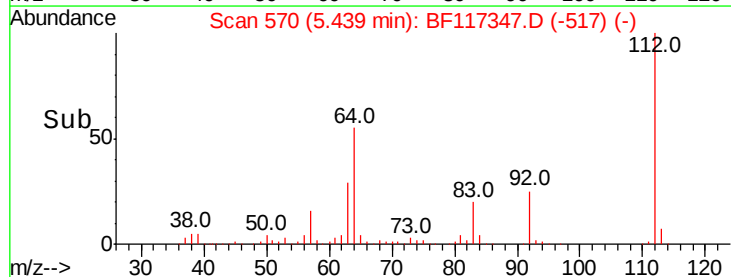
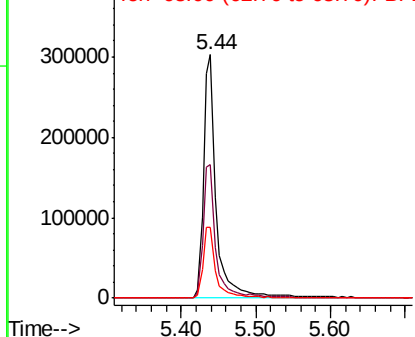
#5

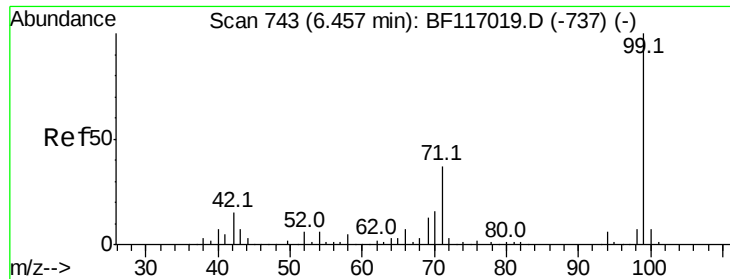
2-Fluorophenol
Concen: 133.231 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF117347.D
Acq: 8 Oct 2019 18:17

Tgt Ion:112 Resp: 365376
Ion Ratio Lower Upper
112 100
64 55.0 45.7 68.5
63 29.1 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: 133.273 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117347.D

Acq: 8 Oct 2019 18:17

Instrument :

BNA_F

ClientSampled :

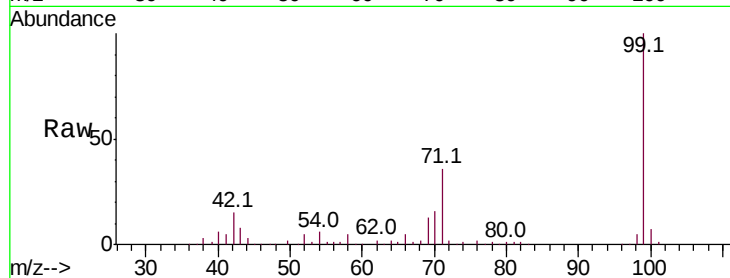
Tot Ion: 99 Resp: 472347

Ion Ratio Lower Upper

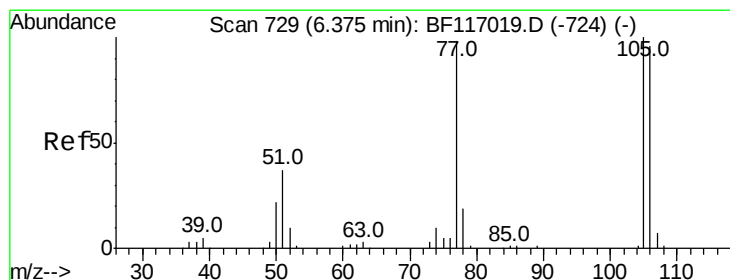
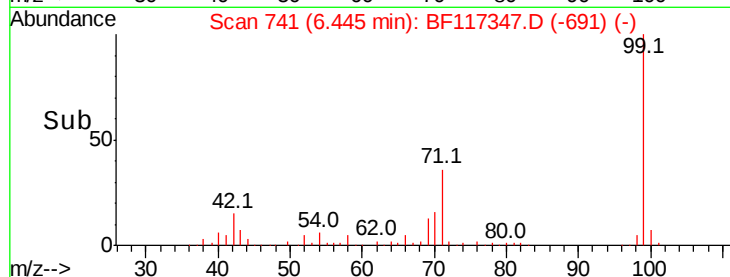
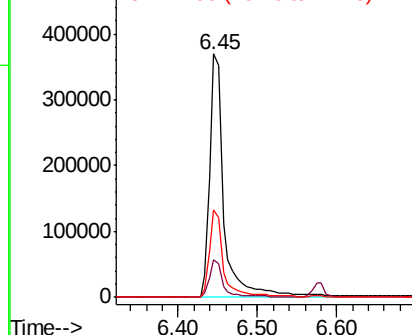
99 100

42 15.5 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. 0.09 min

Lab File: BF117347.D

Acq: 8 Oct 2019 18:17

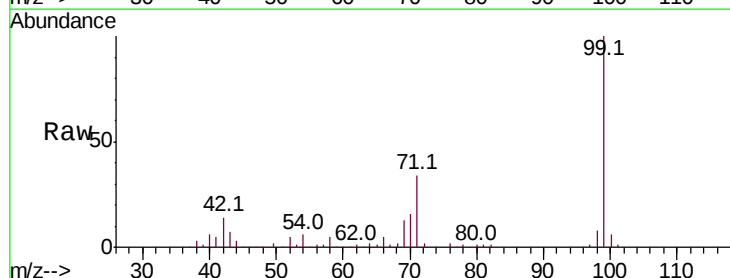
Tgt Ion: 77 Resp: 453

Ion Ratio Lower Upper

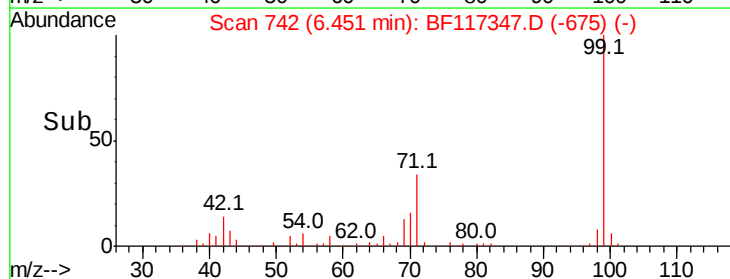
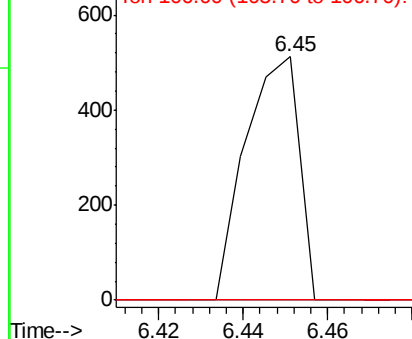
77 100

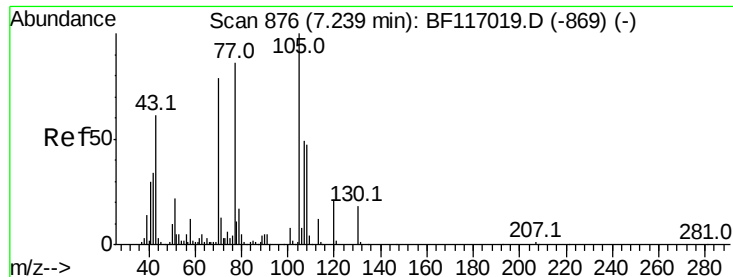
105 0.0 81.8 121.8#

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

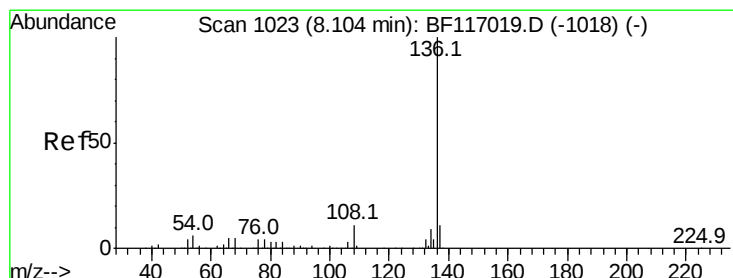
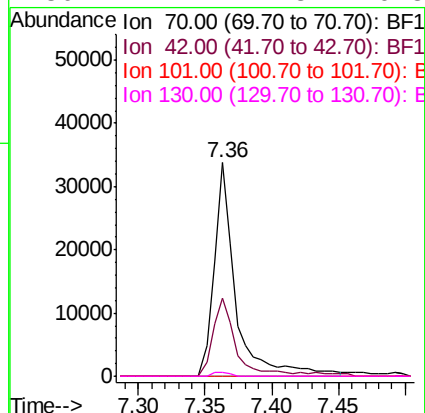
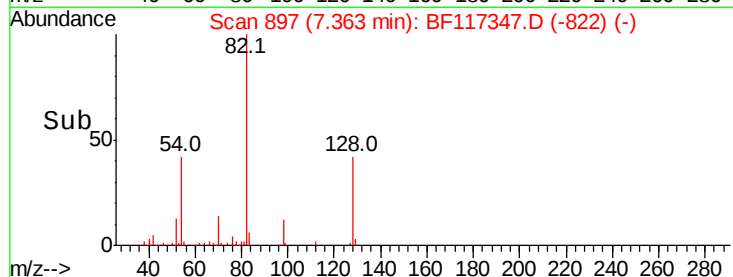
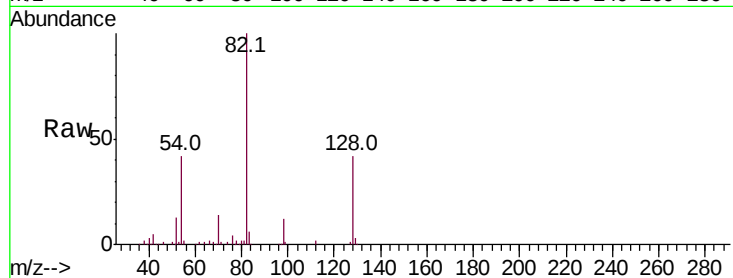




#19
n-Nitroso-di-n-propylamine
Concen: 17.629 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF117347.D
Acq: 8 Oct 2019 18:17

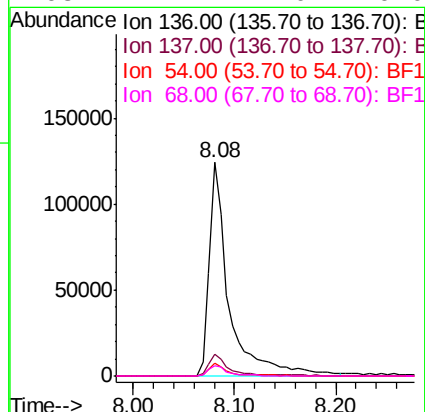
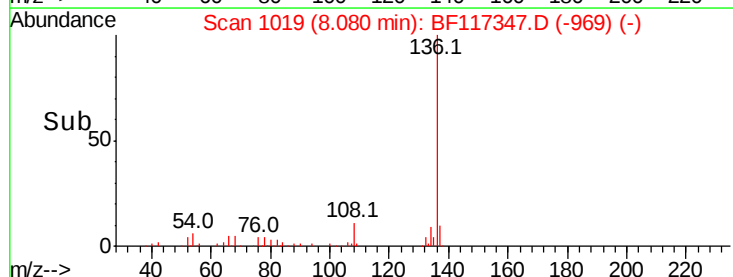
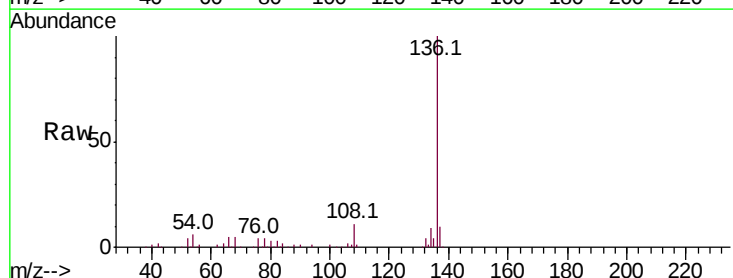
Instrument :
BNA_F
ClientSampled :

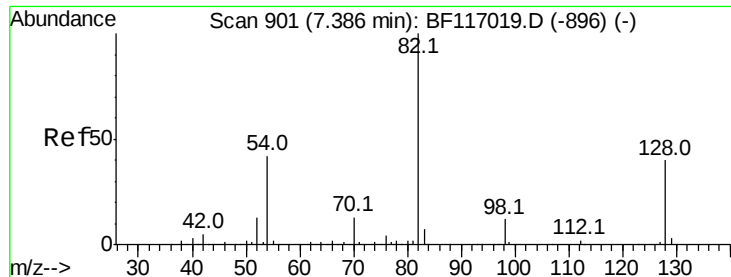
Tot Ion: 70 Resp: 38046
Ion Ratio Lower Upper
70 100
42 36.7 34.0 51.0
101 0.0 7.8 11.6#
130 1.7 17.8 26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF117347.D
Acq: 8 Oct 2019 18:17

Tgt Ion:136 Resp: 168837
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 6.1 4.5 6.7
68 4.7 4.0 6.0

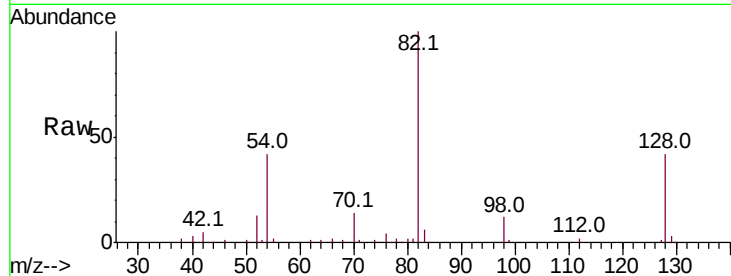




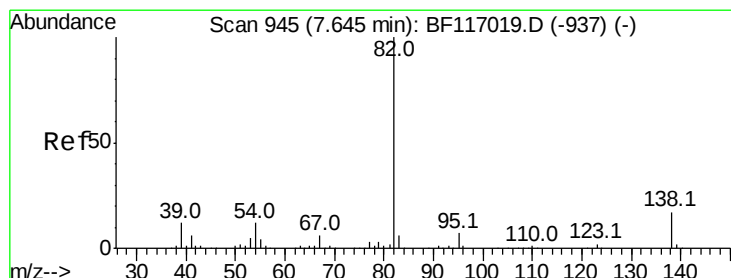
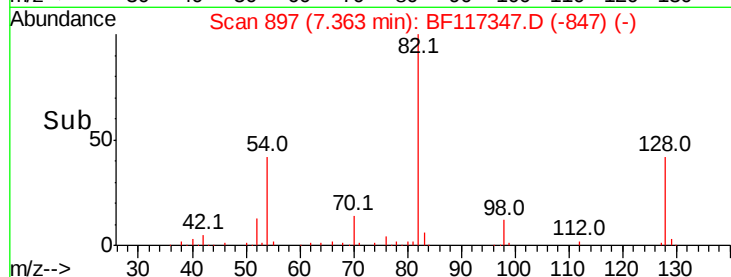
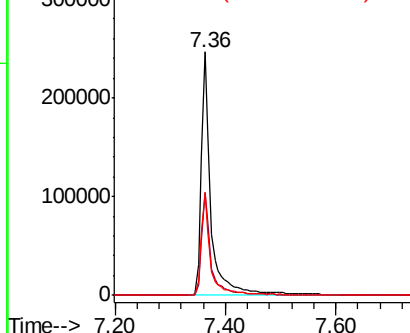
#23
Nitrobenzene-d5
Concen: 94.554 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF117347.D
Acq: 8 Oct 2019 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 303834
Ion Ratio Lower Upper
82 100
128 42.0 32.3 48.5
54 42.0 33.3 49.9

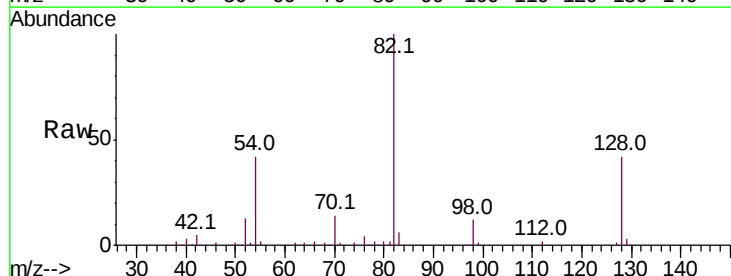


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

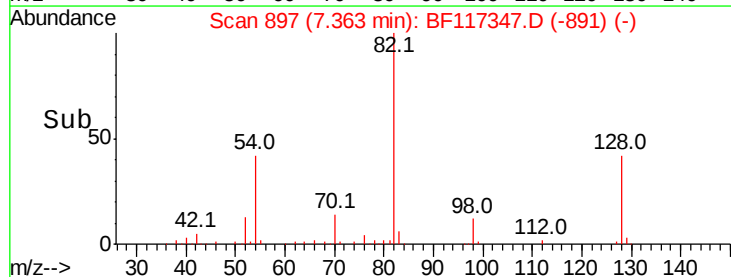
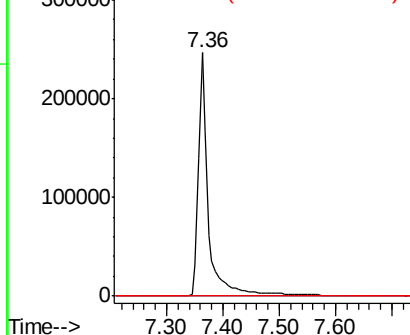


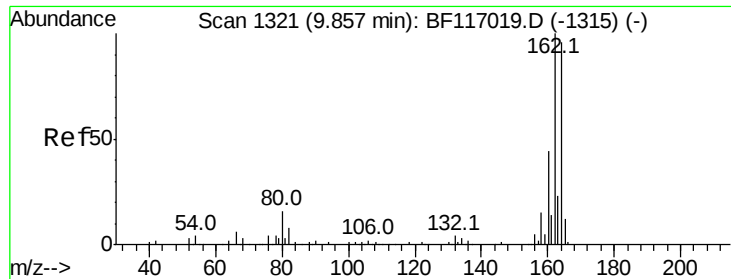
#25
Isophorone
Concen: 53.402 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF117347.D
Acq: 8 Oct 2019 18:17

Tgt Ion: 82 Resp: 303832
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

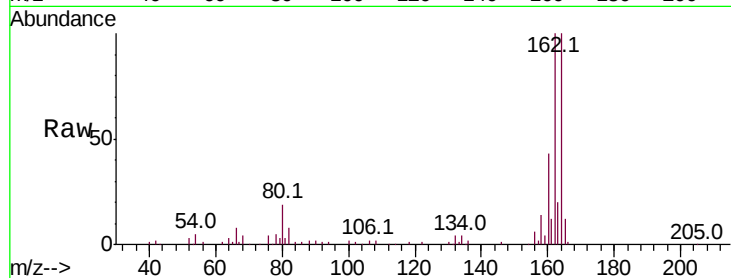




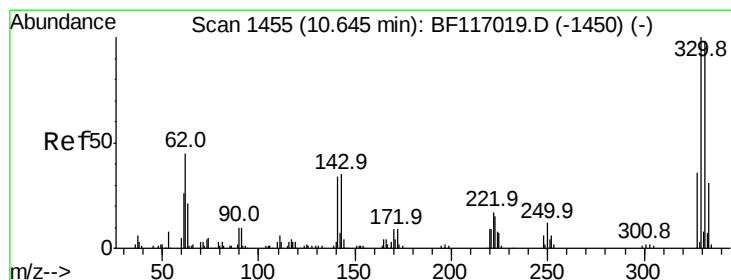
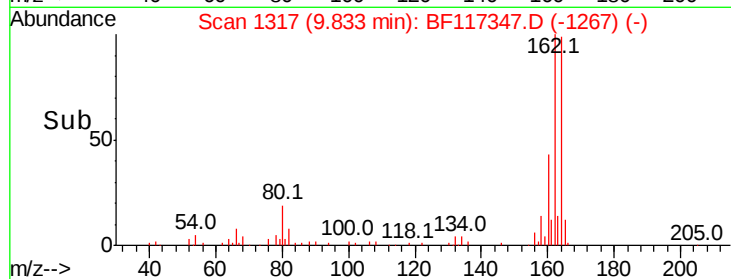
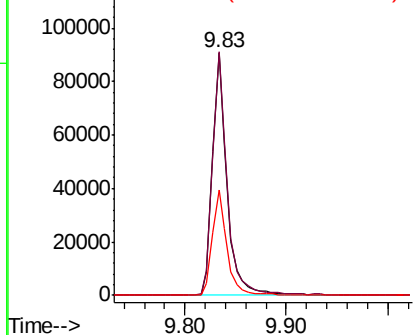
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF117347.D
Acq: 8 Oct 2019 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 91302
Ion Ratio Lower Upper
164 100
162 100.4 83.4 125.2
160 43.4 36.4 54.6

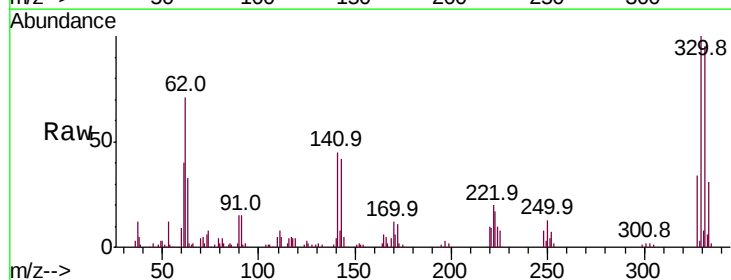


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

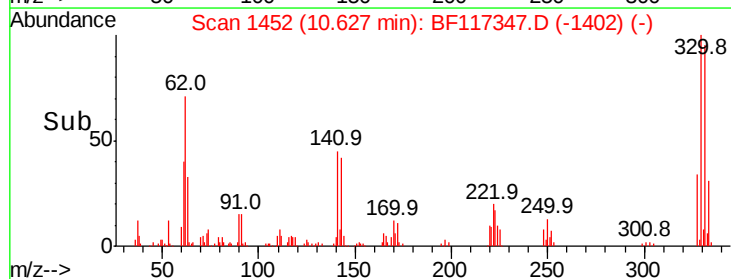
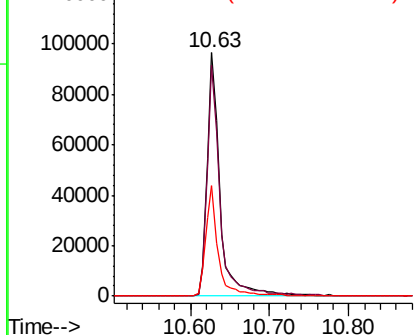


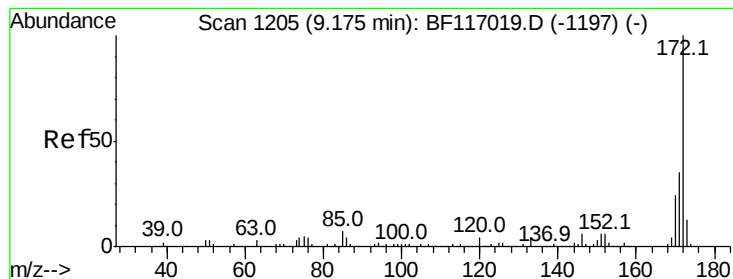
#42
2,4,6-Tribromophenol
Concen: 143.945 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF117347.D
Acq: 8 Oct 2019 18:17

Tgt Ion:330 Resp: 109841
Ion Ratio Lower Upper
330 100
332 95.0 78.0 117.0
141 43.9 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: 93.527 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF117347.D

Acq: 8 Oct 2019 18:17

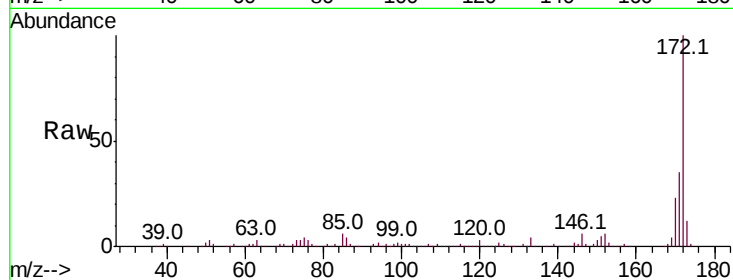
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 546132

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	22.5	18.9	28.3

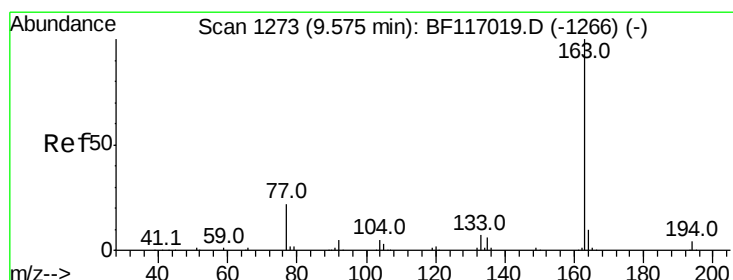
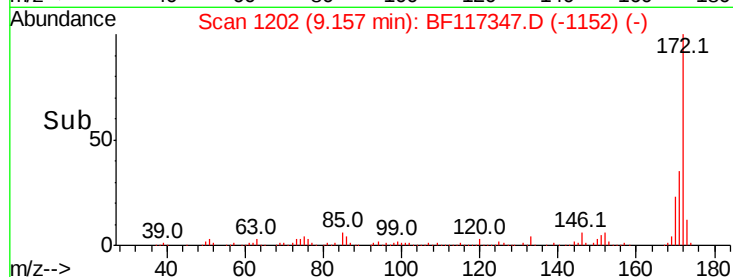
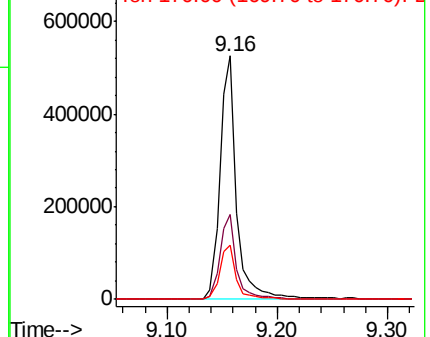


Abundance

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: 8.256 ng

RT: 9.55 min Scan# 1269

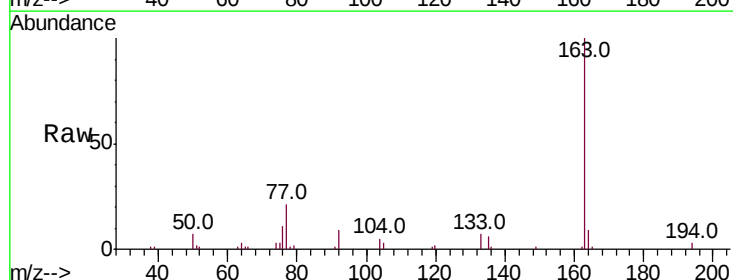
Delta R.T. -0.01 min

Lab File: BF117347.D

Acq: 8 Oct 2019 18:17

Tgt Ion:163 Resp: 53373

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.9	4.3
164	9.2	8.2	12.4

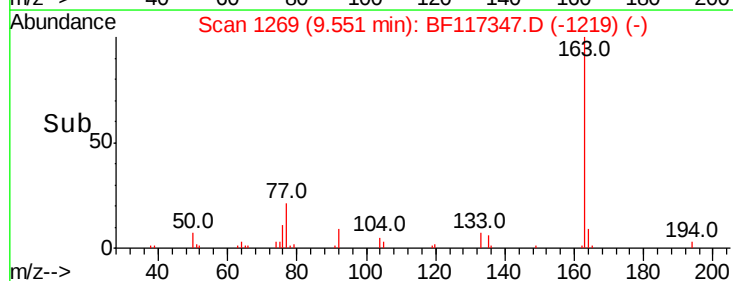
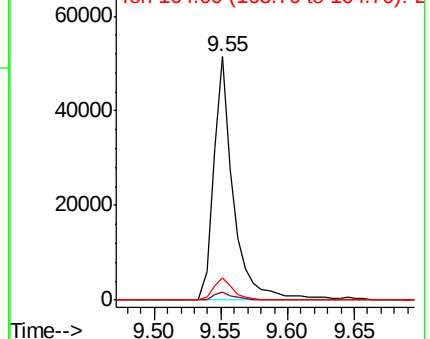


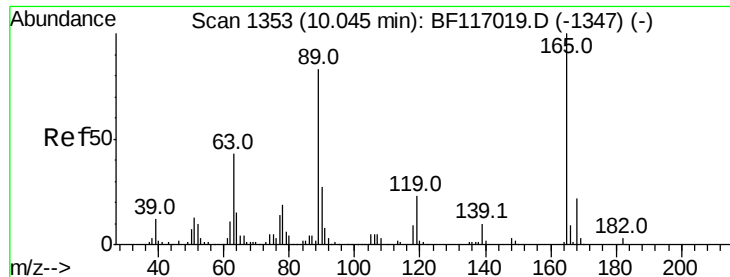
Abundance

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

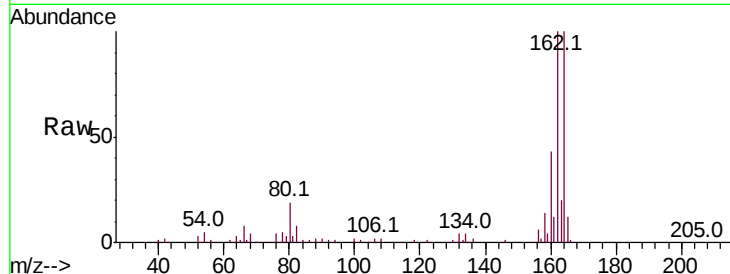




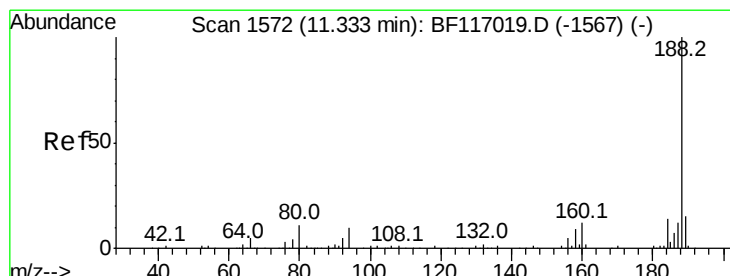
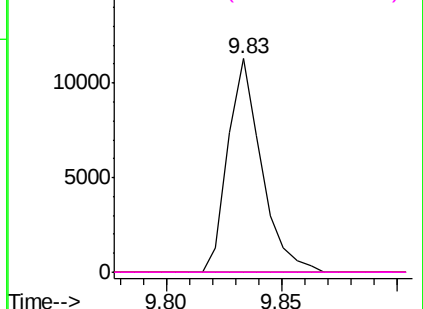
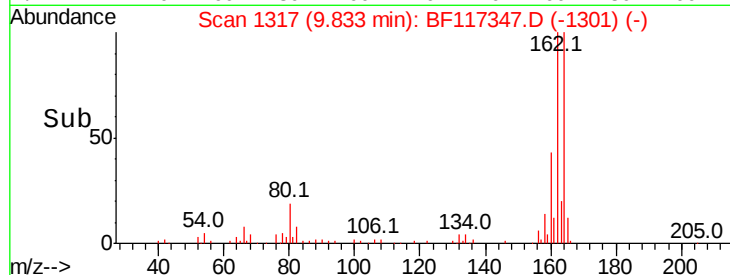
#57
 2,4-Dinitrotoluene
 Concen: 6.691 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF117347.D
 Acq: 8 Oct 2019 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	11435
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#

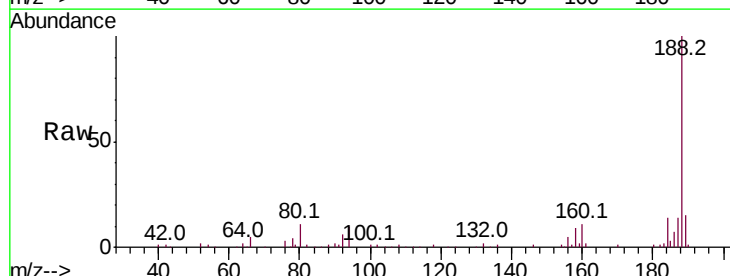


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

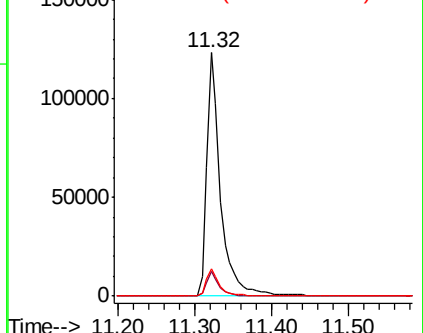
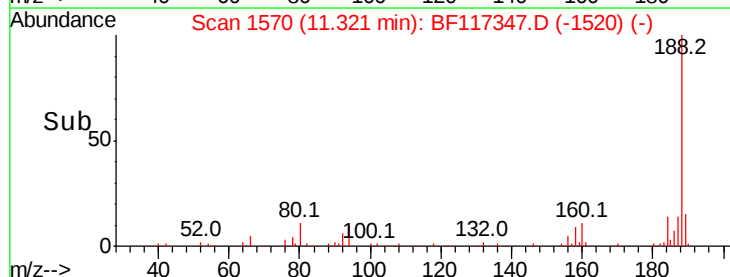


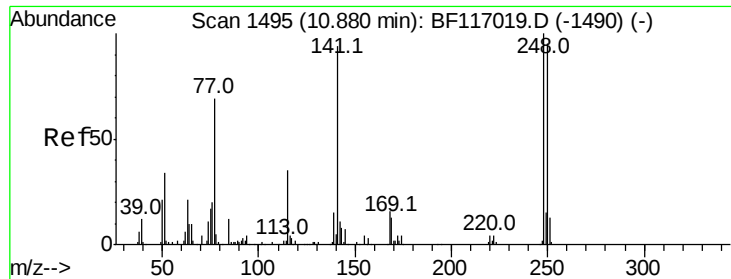
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF117347.D
 Acq: 8 Oct 2019 18:17

Tgt Ion:	188	Resp:	152395
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.2
80	11.0	9.0	13.6



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

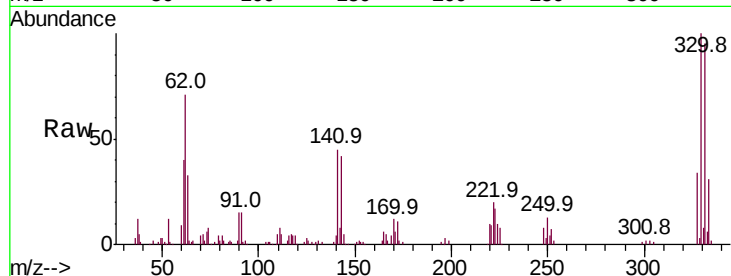




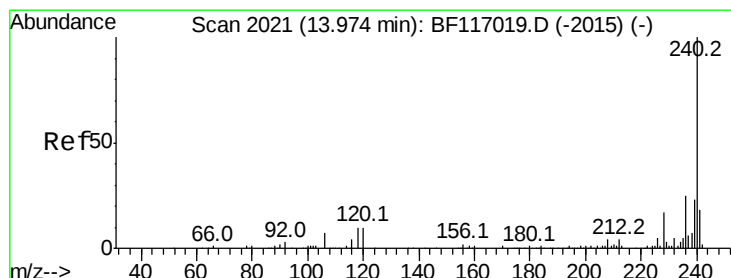
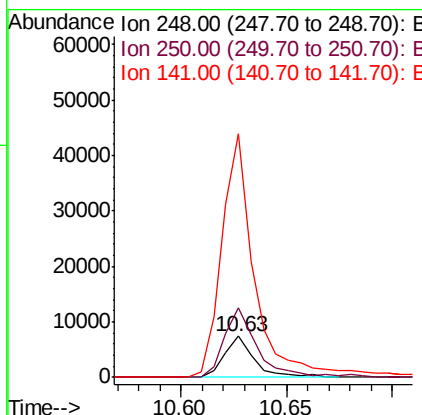
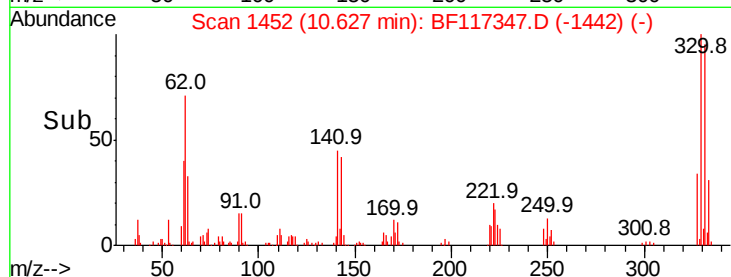
#67
 4-Bromophenyl-phenylether
 Concen: 4.662 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF117347.D
 Acq: 8 Oct 2019 18:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 7256
 Ion Ratio Lower Upper
 248 100
 250 167.8 76.2 114.4#
 141 589.4 75.0 112.4#

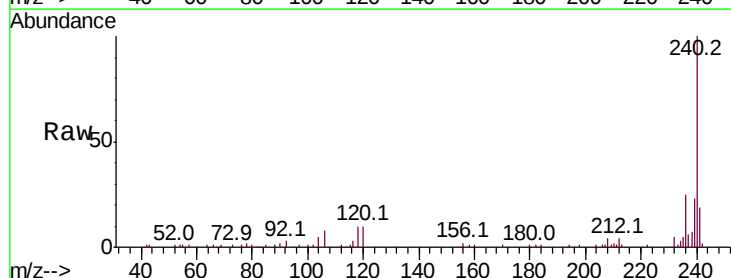


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

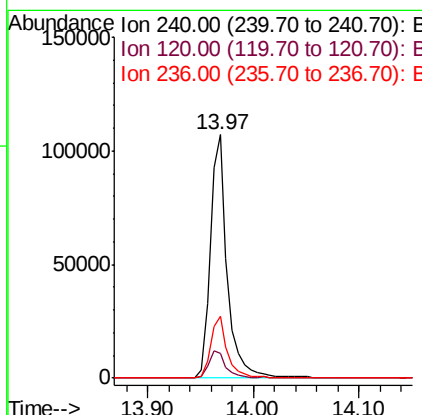
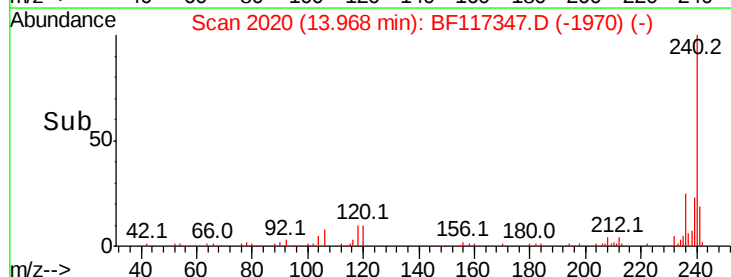


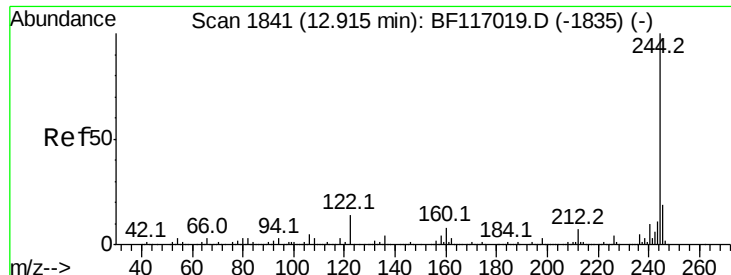
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117347.D
 Acq: 8 Oct 2019 18:17

Tgt Ion:240 Resp: 120657
 Ion Ratio Lower Upper
 240 100
 120 10.3 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: 93.548 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF117347.D

Acq: 8 Oct 2019 18:17

Instrument :

BNA_F

ClientSampleId :

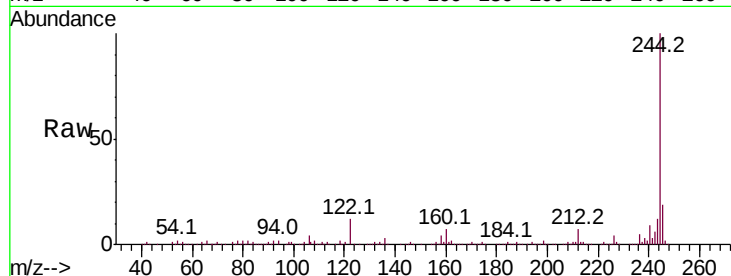
Tot Ion:244 Resp: 603844

Ion Ratio Lower Upper

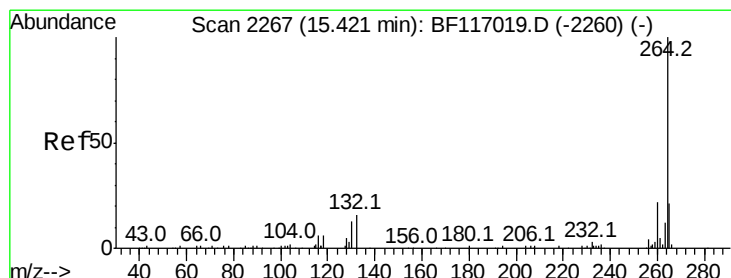
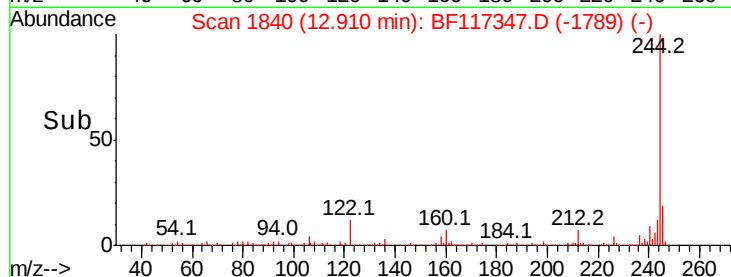
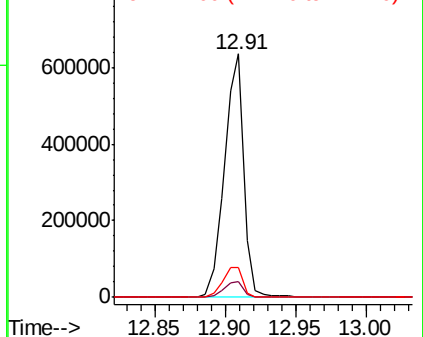
244 100

212 6.7 5.8 8.8

122 12.0 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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF117347.D

Acq: 8 Oct 2019 18:17

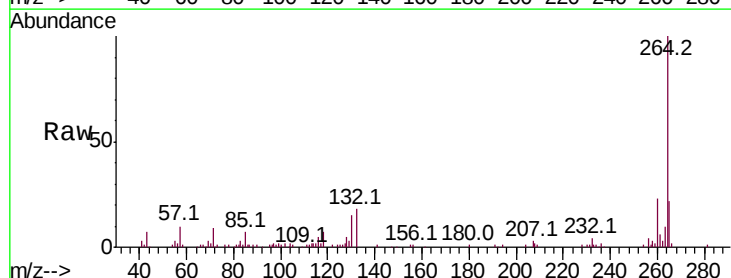
Tgt Ion:264 Resp: 108314

Ion Ratio Lower Upper

264 100

260 22.8 17.6 26.4

265 22.2 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

