

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
 Data File : BF117308.D
 Acq On : 2 Oct 2019 19:08
 Operator : JU
 Sample : K4946-02RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 01:32:25 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

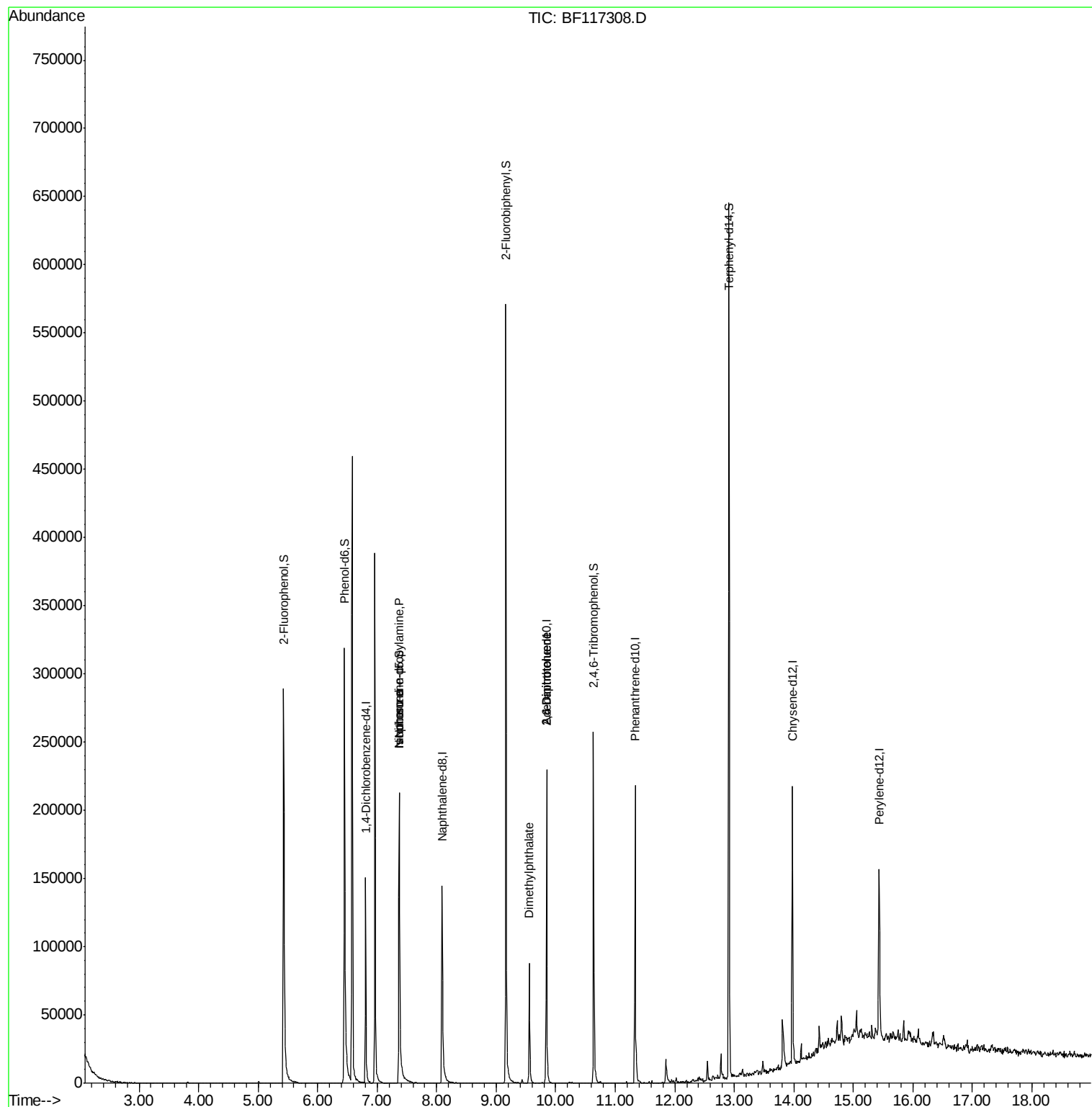
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	25567	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	102494	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	57474	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	97382	20.00	ng	0.00
76) Chrysene-d12	13.97	240	67742	20.00	ng	0.00
87) Perylene-d12	15.43	264	55491	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	106782	65.21	ng	-0.01
7) Phenol-d6	6.45	99	154931	73.21	ng	-0.01
23) Nitrobenzene-d5	7.37	82	103610	53.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	34018	70.82	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	191291	52.04	ng	-0.01
79) Terphenyl-d14	12.91	244	194107	53.56	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	2959	Below Cal		Qvalue # 75
19) n-Nitroso-di-n-propylamine	7.37	70	12592	9.771 ng	#	76
25) Isophorone	7.37	82	103610	29.998 ng	#	66
50) Dimethylphthalate	9.56	163	39416	9.686 ng		99
51) 2,6-Dinitrotoluene	9.85	165	7063	8.522 ng	#	24
57) 2,4-Dinitrotoluene	9.85	165	7063	6.565 ng	#	18

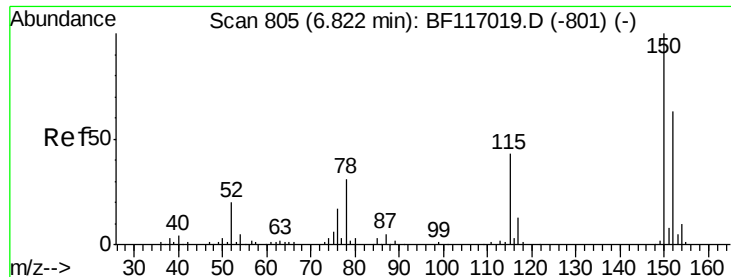
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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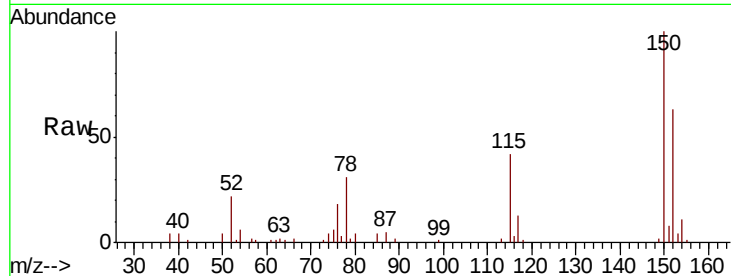


#1

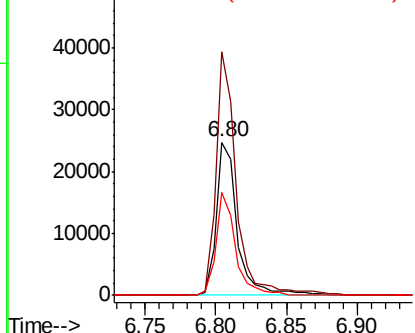
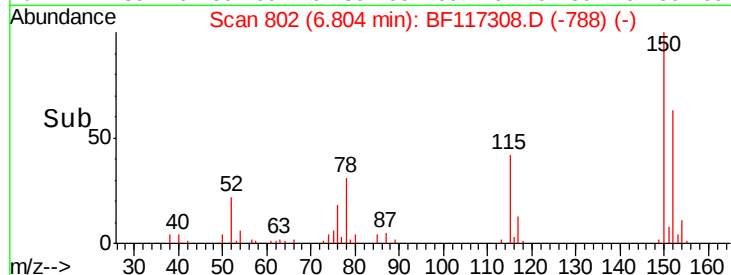
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117308.D
Acq: 2 Oct 2019 19:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 25567
Ion Ratio Lower Upper
152 100
150 158.8 127.5 191.3
115 67.1 55.0 82.4



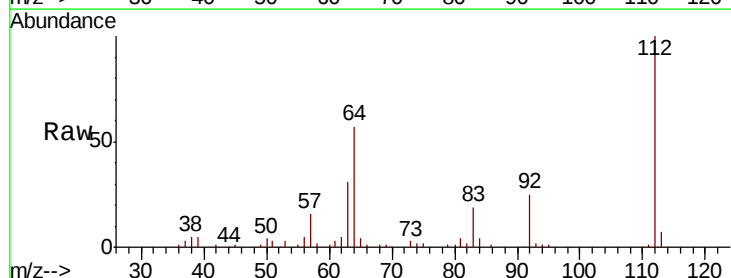
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



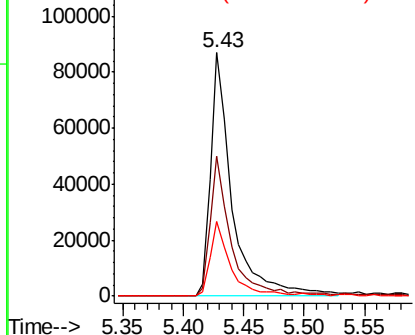
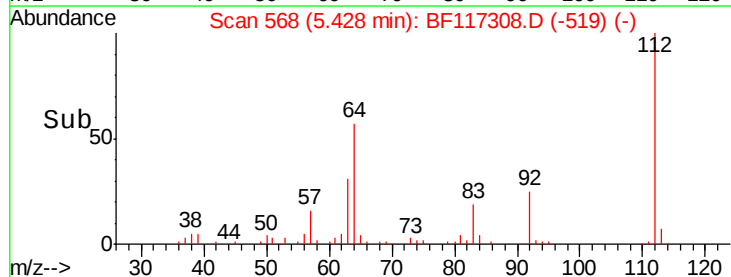
#5

2-Fluorophenol
Concen: 65.206 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF117308.D
Acq: 2 Oct 2019 19:08

Tgt Ion:112 Resp: 106782
Ion Ratio Lower Upper
112 100
64 57.2 45.7 68.5
63 30.6 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: 73.206 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117308.D

Acq: 2 Oct 2019 19:08

Instrument :

BNA_F

ClientSampleId :

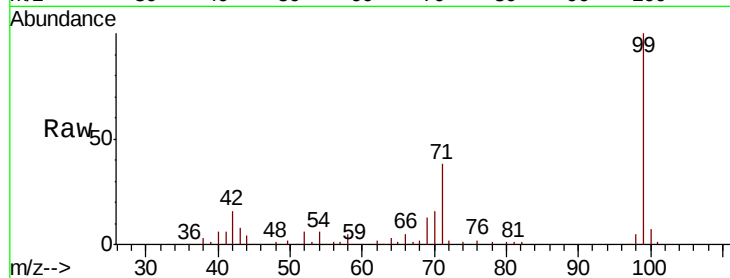
Tot Ion: 99 Resp: 154931

Ion Ratio Lower Upper

99 100

42 16.2 12.2 18.2

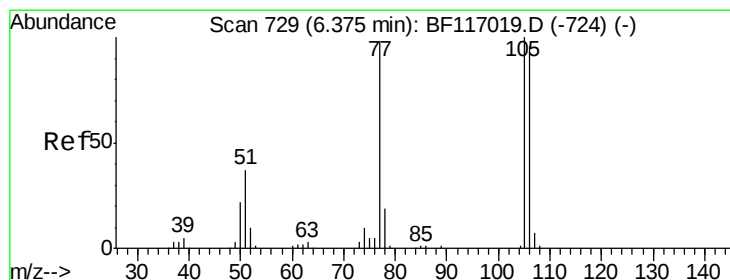
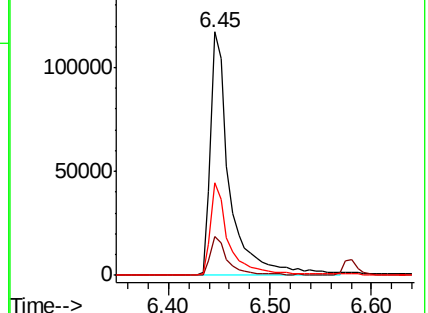
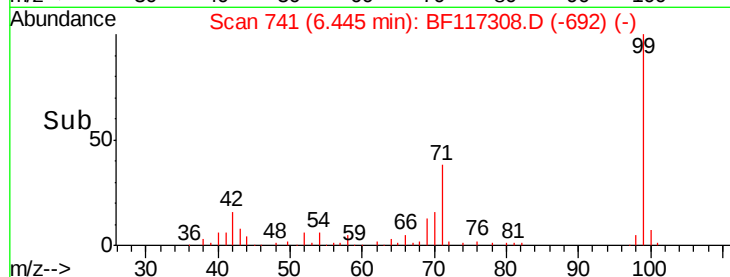
71 38.2 29.8 44.8



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: 6.58 min Scan# 764

Delta R.T. 0.21 min

Lab File: BF117308.D

Acq: 2 Oct 2019 19:08

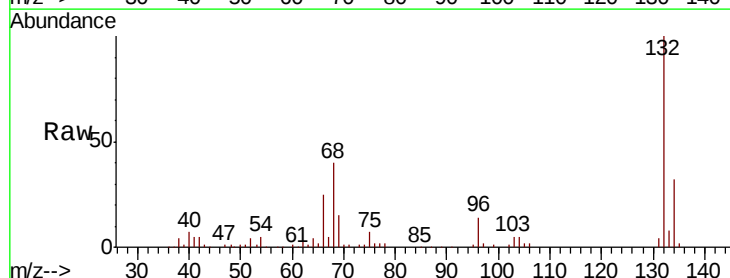
Tgt Ion: 77 Resp: 2959

Ion Ratio Lower Upper

77 100

105 73.4 81.8 121.8#

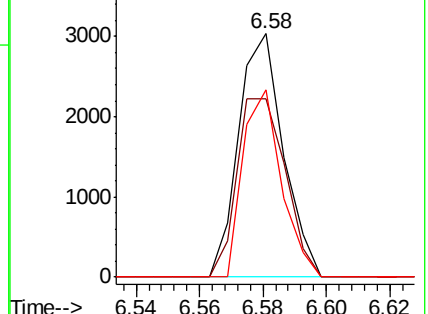
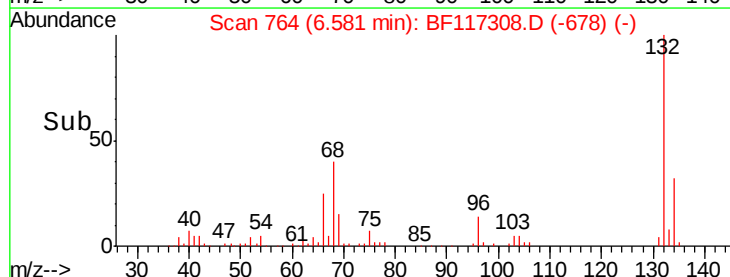
106 76.7 77.3 117.3#



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

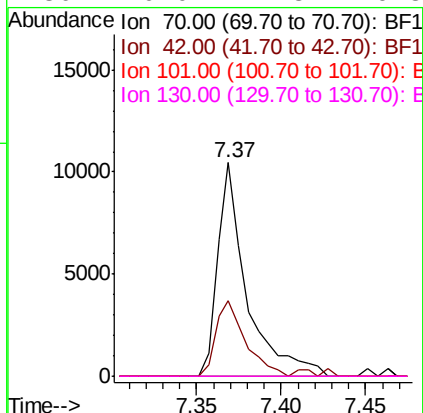
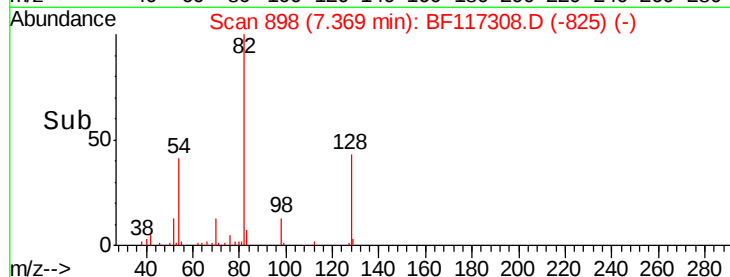
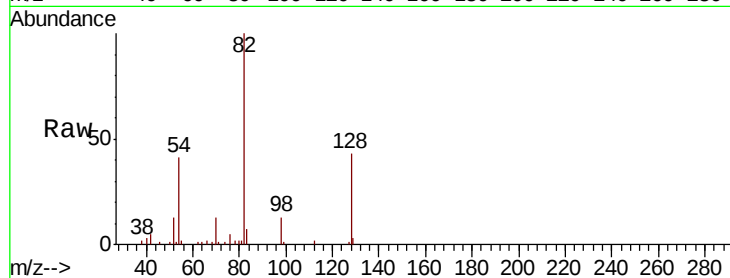




#19
n-Nitroso-di-n-propylamine
Concen: 9.771 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.13 min
Lab File: BF117308.D
Acq: 2 Oct 2019 19:08

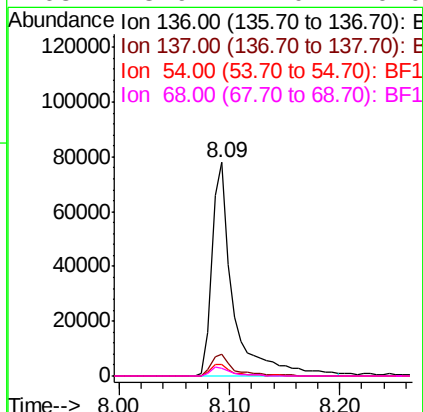
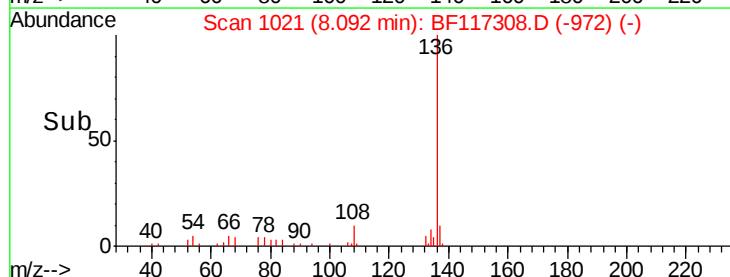
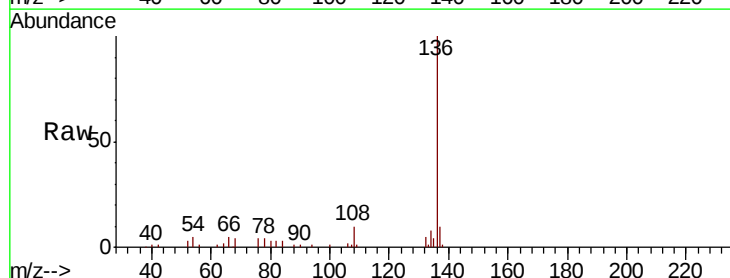
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 12592
Ion Ratio Lower Upper
70 100
42 35.2 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: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF117308.D
Acq: 2 Oct 2019 19:08

Tgt Ion: 136 Resp: 102494
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 5.4 4.5 6.7
68 3.9 4.0 6.0#

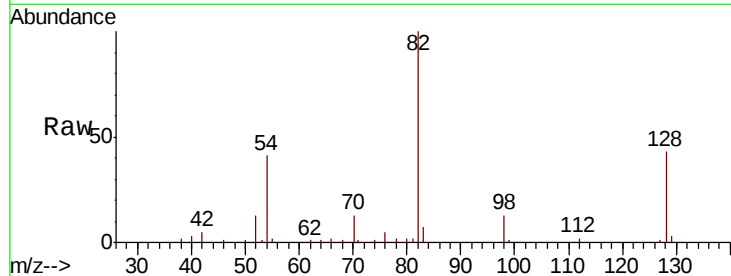




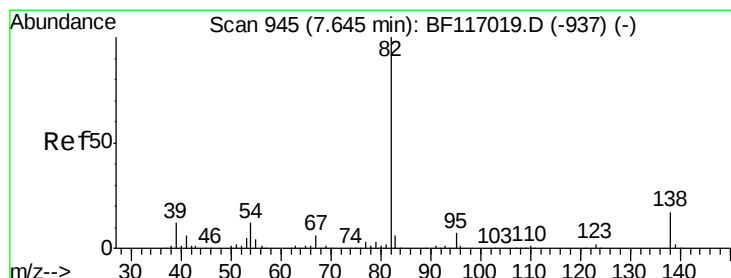
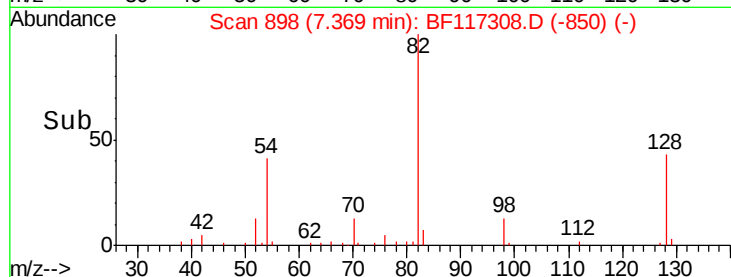
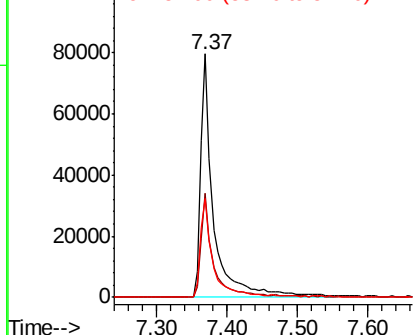
#23
 Nitrobenzene-d5
 Concen: 53.115 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF117308.D
 Acq: 2 Oct 2019 19:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.3	48.5
54	40.5	33.3	49.9

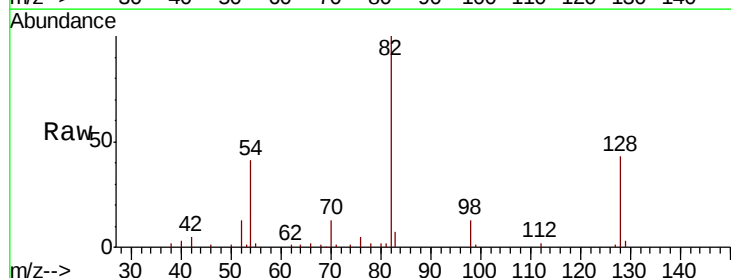


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

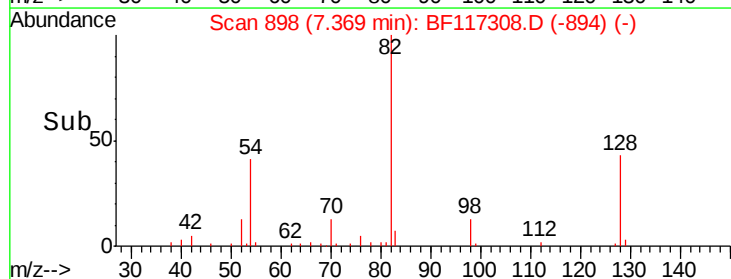
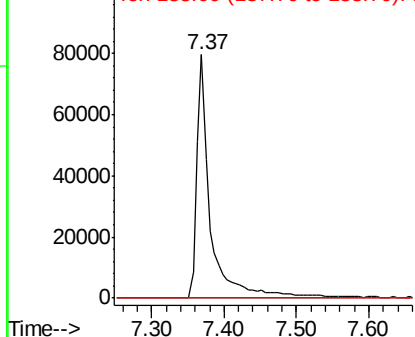


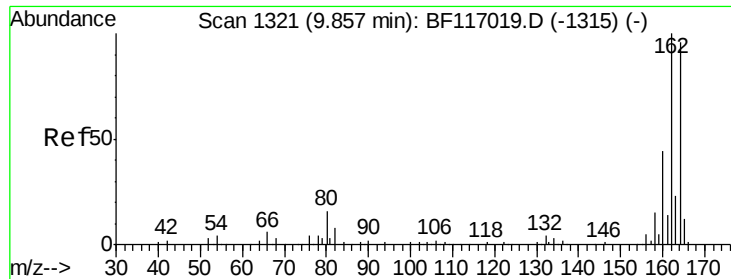
#25
 Isophorone
 Concen: 29.998 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.28 min
 Lab File: BF117308.D
 Acq: 2 Oct 2019 19:08

Tgt 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

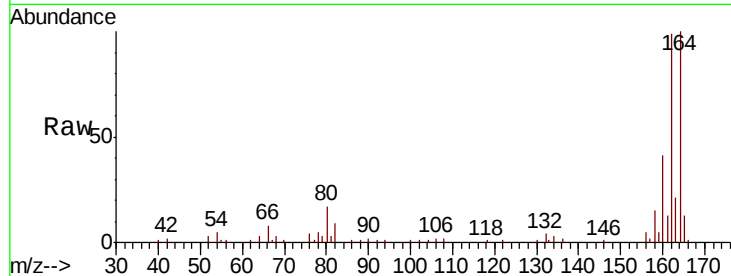




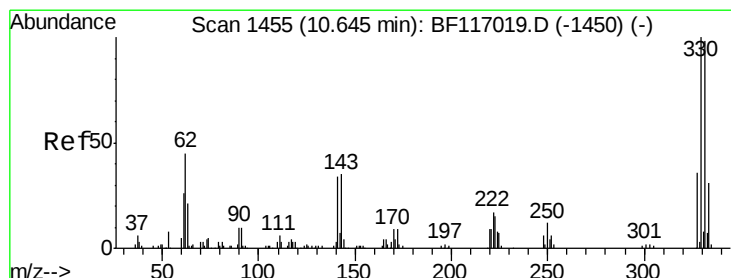
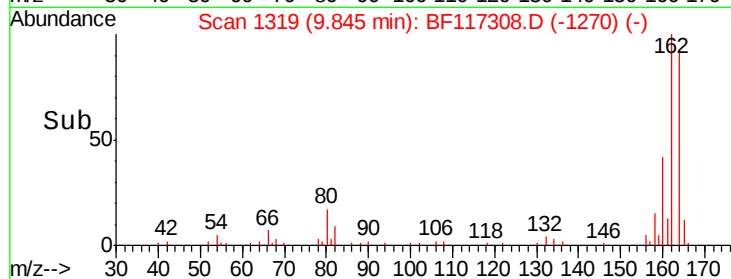
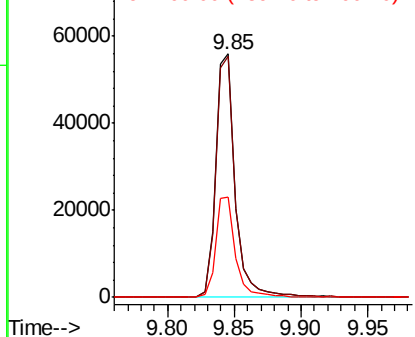
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117308.D
Acq: 2 Oct 2019 19:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 57474
Ion Ratio Lower Upper
164 100
162 99.1 83.4 125.2
160 41.4 36.4 54.6

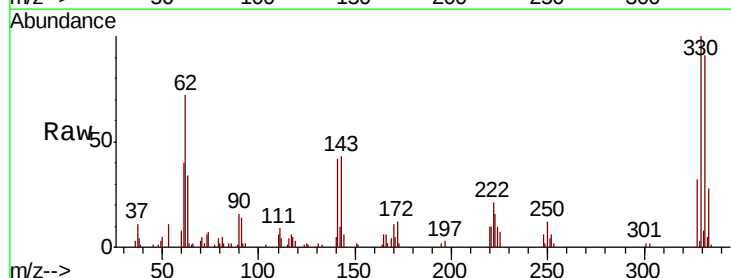


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

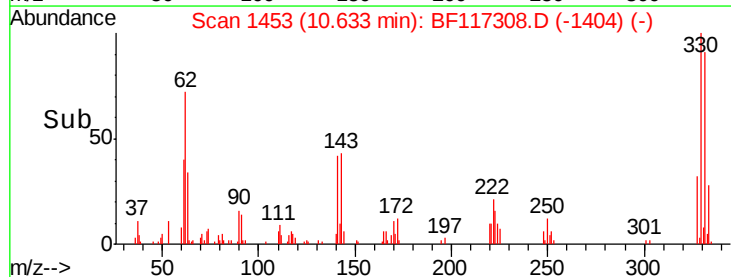
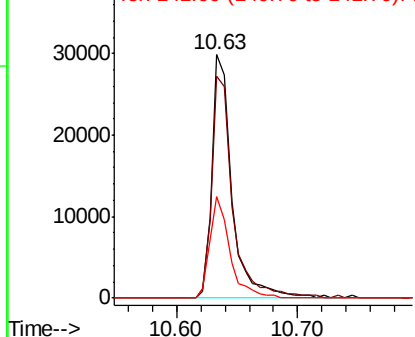


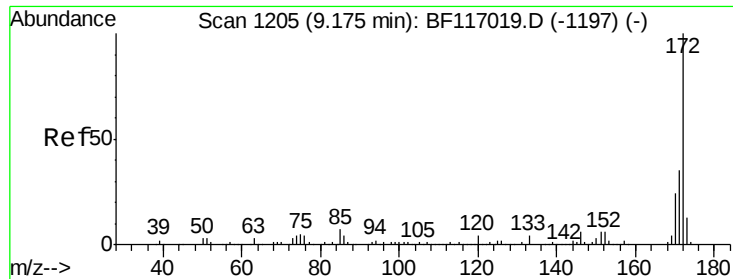
#42
2,4,6-Tribromophenol
Concen: 70.819 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF117308.D
Acq: 2 Oct 2019 19:08

Tgt Ion:330 Resp: 34018
Ion Ratio Lower Upper
330 100
332 96.0 78.0 117.0
141 41.9 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

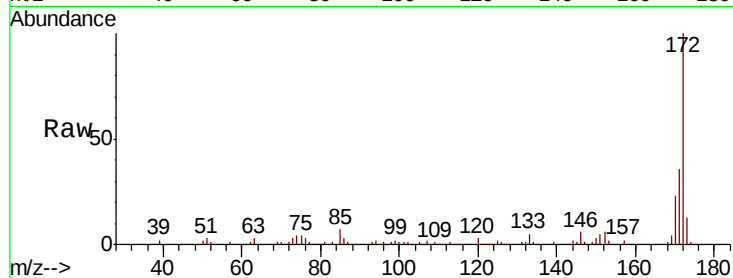




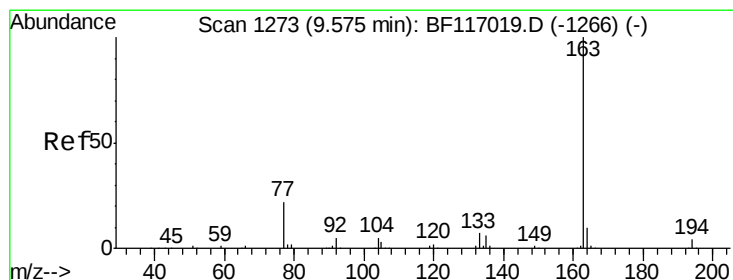
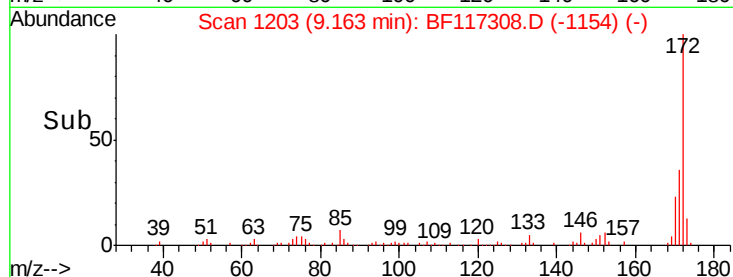
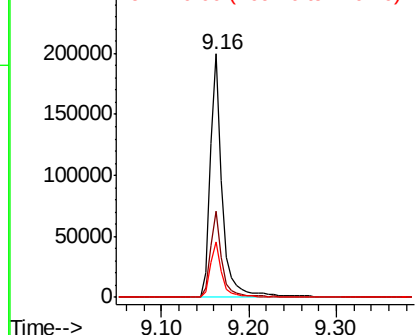
#45
2-Fluorobiphenyl
Concen: 52.041 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF117308.D
Acq: 2 Oct 2019 19:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 191291
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 22.8 18.9 28.3

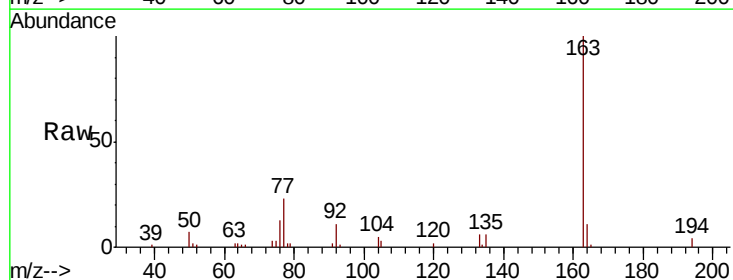


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

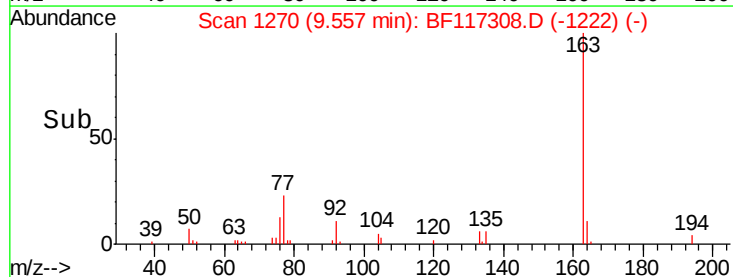
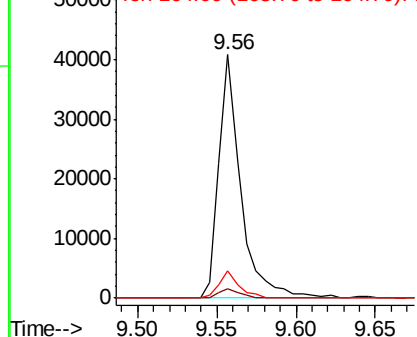


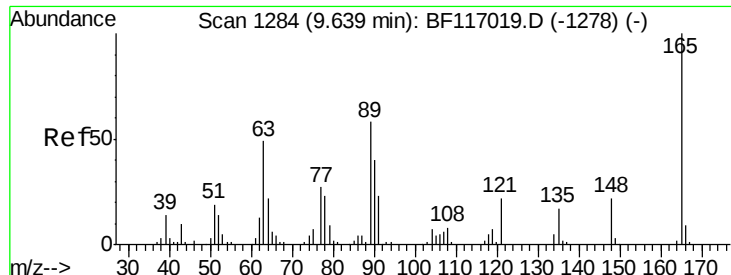
#50
Dimethylphthalate
Concen: 9.686 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117308.D
Acq: 2 Oct 2019 19:08

Tgt Ion:163 Resp: 39416
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 11.0 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





#51

2,6-Dinitrotoluene

Concen: 8.522 ng

RT: 9.85 min Scan# 1319

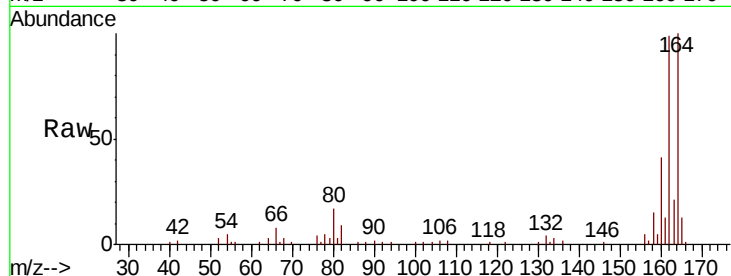
Delta R.T. 0.21 min

Lab File: BF117308.D

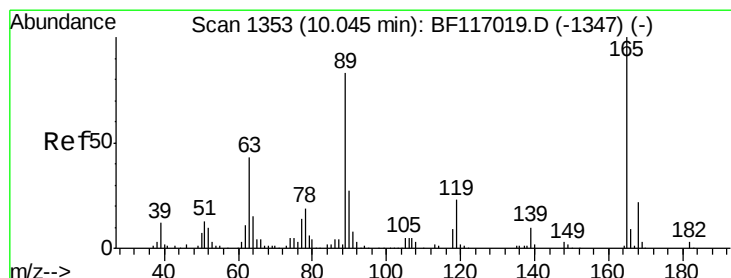
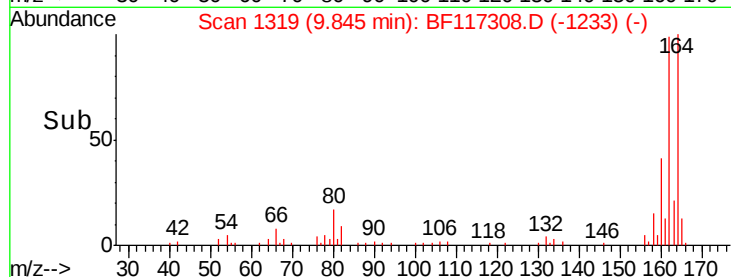
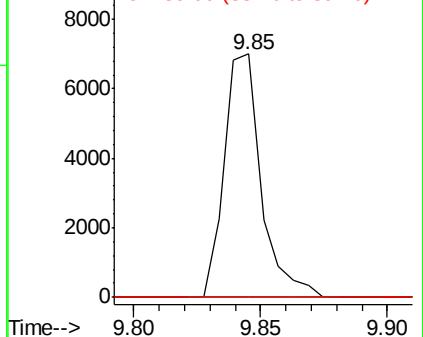
Acq: 2 Oct 2019 19:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	7063
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	46.5	69.7#



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: 6.565 ng

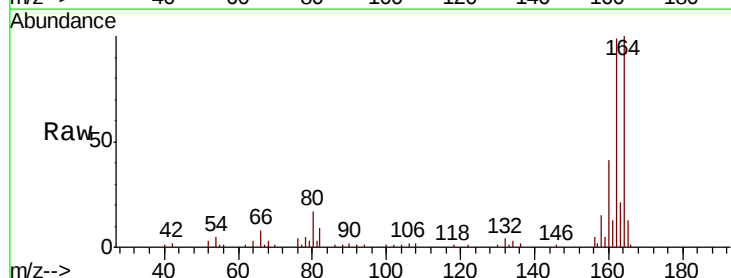
RT: 9.85 min Scan# 1319

Delta R.T. -0.20 min

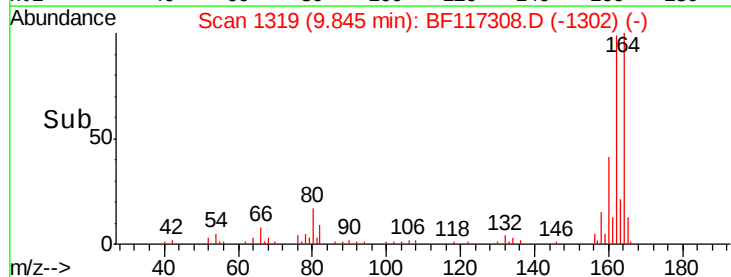
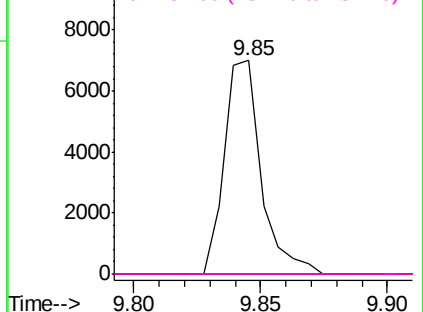
Lab File: BF117308.D

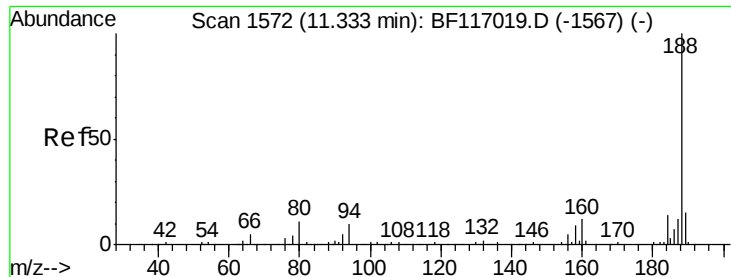
Acq: 2 Oct 2019 19:08

Tgt Ion:	165	Resp:	7063
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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117308.D

Acq: 2 Oct 2019 19:08

Instrument :

BNA_F

ClientSampled :

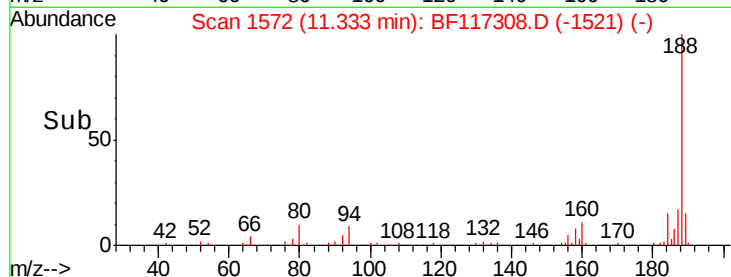
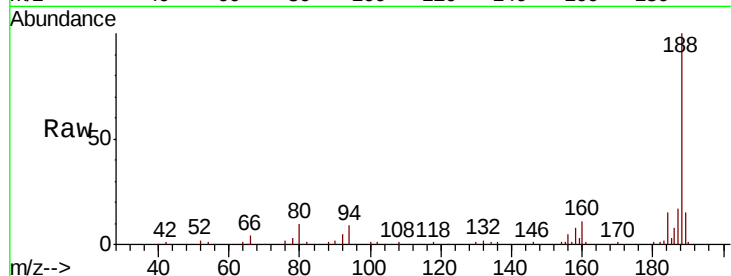
Tot Ion:188 Resp: 97382

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

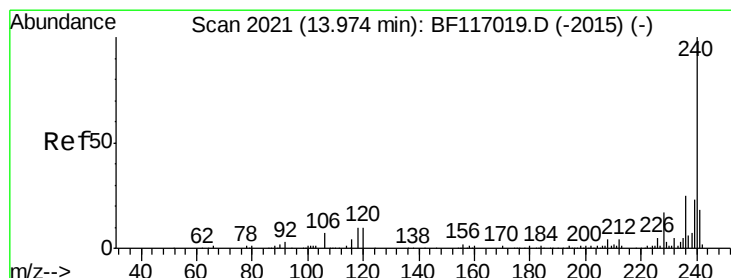
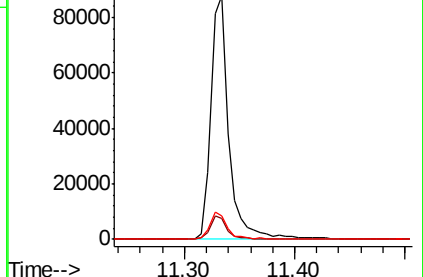
80 9.7 9.0 13.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF117308.D

Acq: 2 Oct 2019 19:08

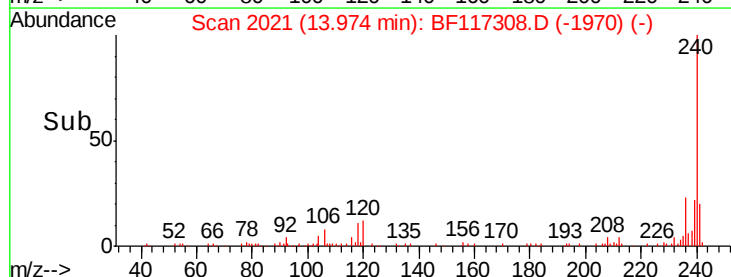
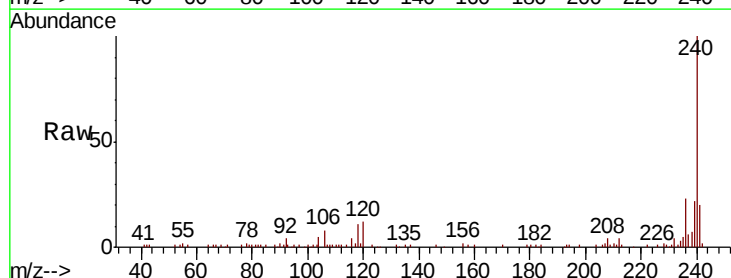
Tgt Ion:240 Resp: 67742

Ion Ratio Lower Upper

240 100

120 11.5 8.3 12.5

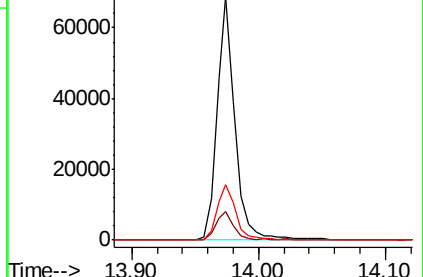
236 23.0 20.3 30.5

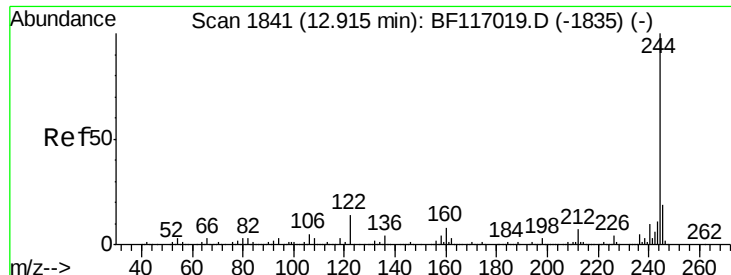


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

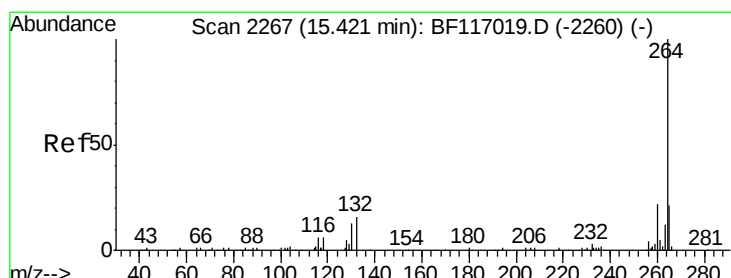
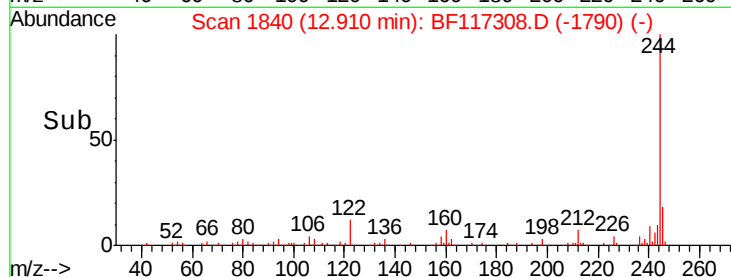
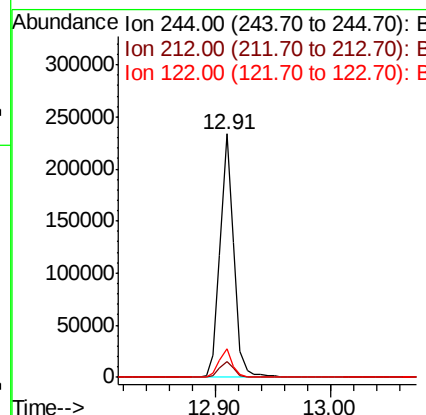
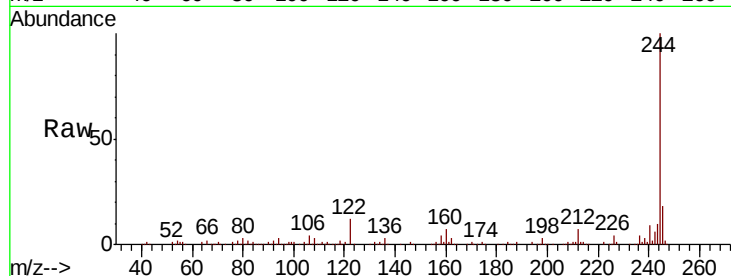




#79
 Terphenyl-d14
 Concen: 53.560 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117308.D
 Acq: 2 Oct 2019 19:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.8	11.3	16.9



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF117308.D
 Acq: 2 Oct 2019 19:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.6	26.4
265	20.5	16.6	24.8

