

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116017.D
 Acq On : 6 Aug 2019 17:08
 Operator : HP/JU
 Sample : K4131-26
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 07 01:16:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

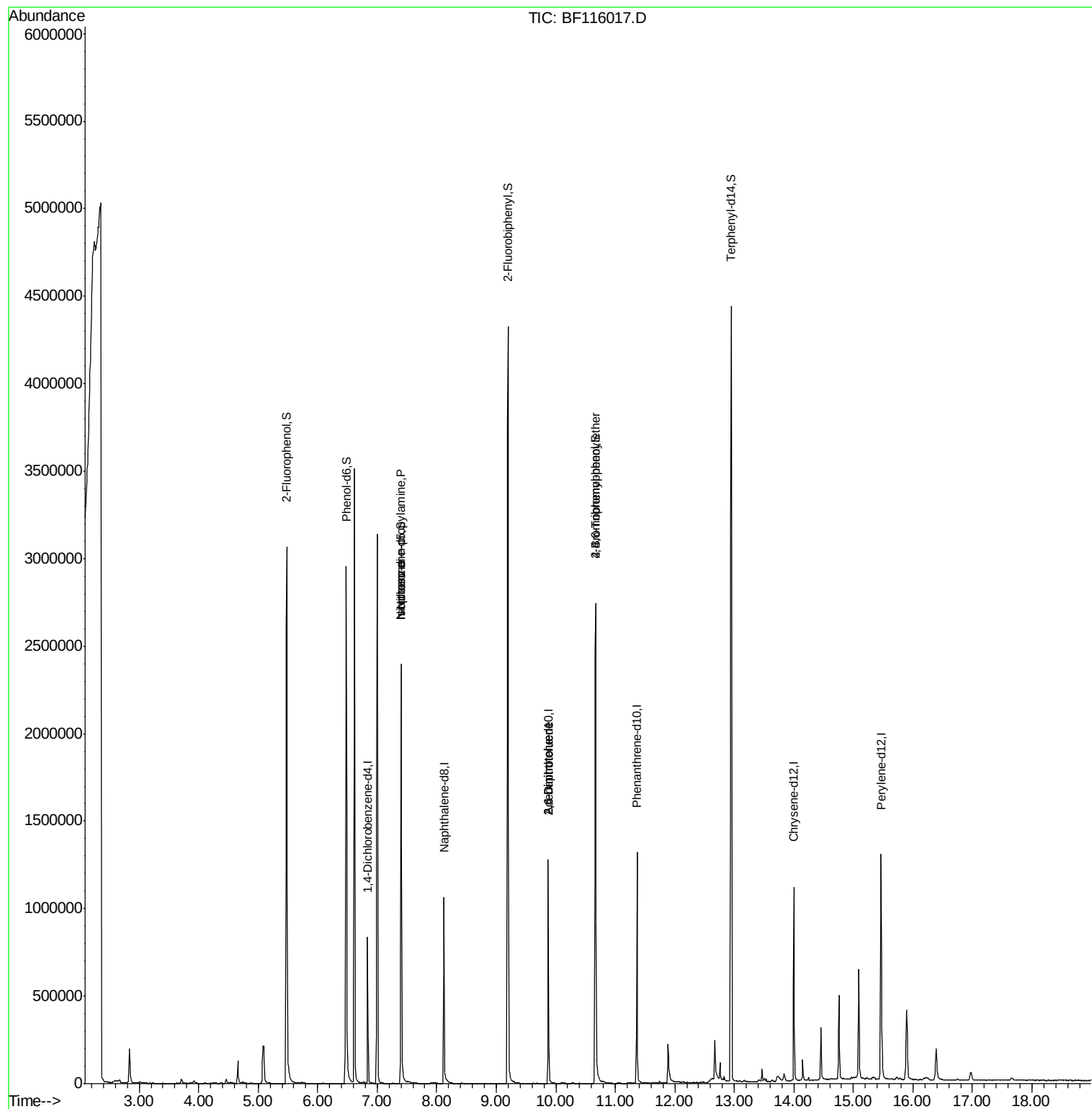
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	130755	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	508062	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	271115	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	499356	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	383256	20.00	ng	-0.03
87) Perylene-d12	15.46	264	401351	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	962079	123.18	ng	0.01
7) Phenol-d6	6.48	99	1135898	115.27	ng	0.00
23) Nitrobenzene-d5	7.40	82	886207	100.69	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	398911	151.76	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1508588	104.23	ng	-0.02
79) Terphenyl-d14	12.94	244	1828419	100.53	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	117446	19.233	ng	# 79
25) Isophorone	7.40	82	886202	52.655	ng	# 66
51) 2,6-Dinitrotoluene	9.87	165	35208	8.776	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	35208	6.592	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	24481	4.580	ng	# 1

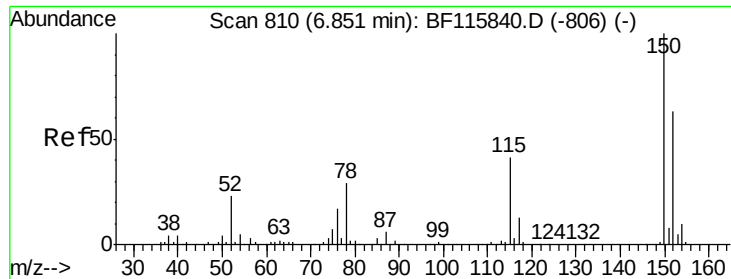
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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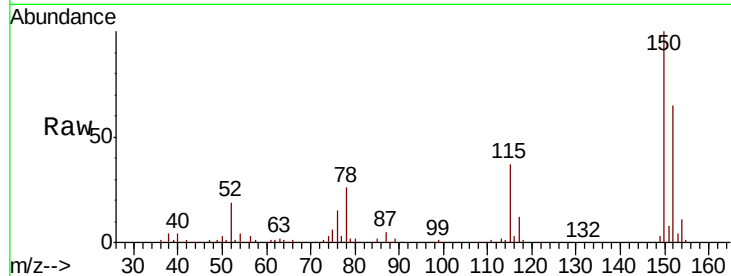


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116017.D
Acq: 6 Aug 2019 17:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	127.4	191.0
115	57.8	51.8	77.8

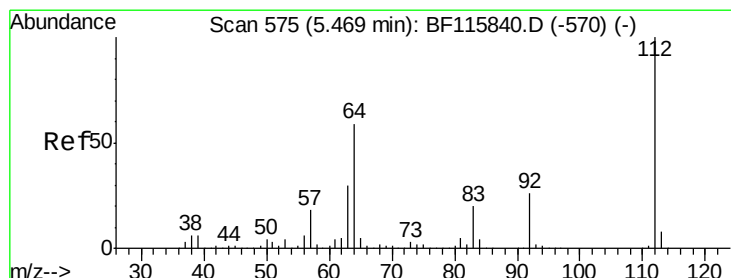
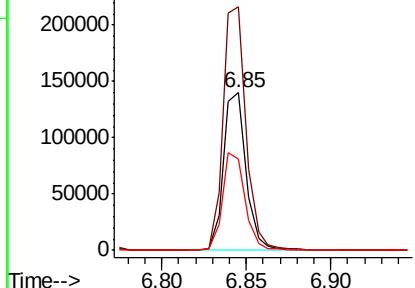
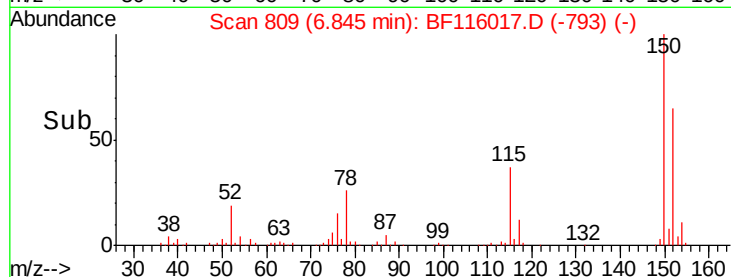


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

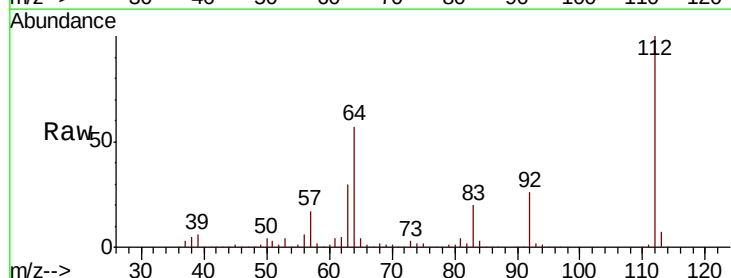
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.175 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF116017.D
Acq: 6 Aug 2019 17:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.8	70.2
63	29.6	24.2	36.2

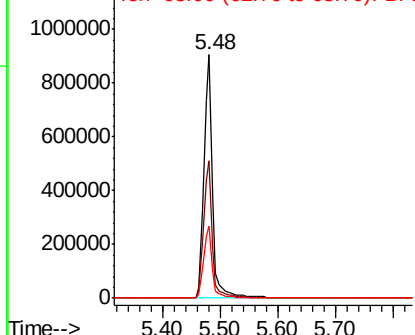
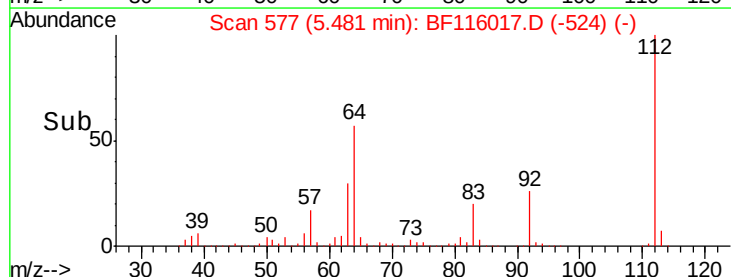


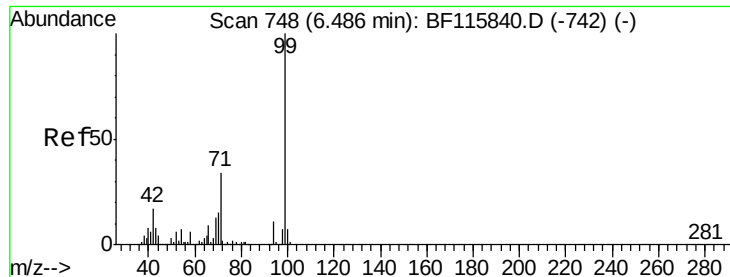
Abundance

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: 115.267 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

Instrument :

BNA_F

ClientSampled :

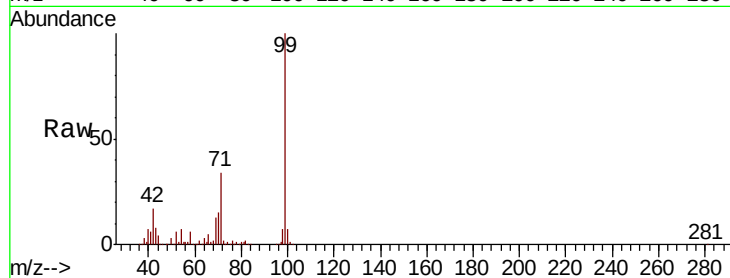
Tot Ion: 99 Resp: 1135898

Ion Ratio Lower Upper

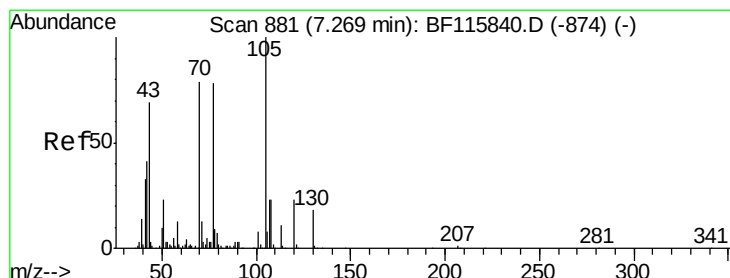
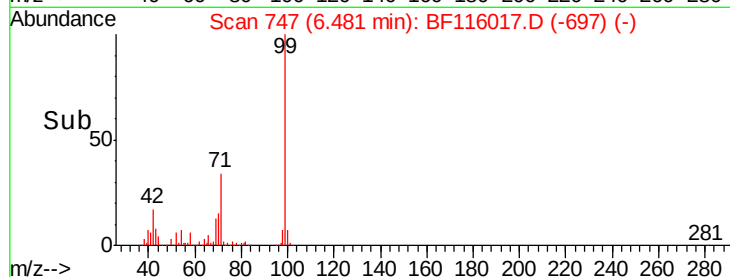
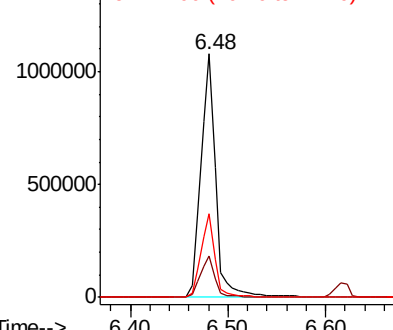
99 100

42 17.0 13.8 20.6

71 34.2 27.1 40.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 19.233 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

Tgt Ion: 70 Resp: 117446

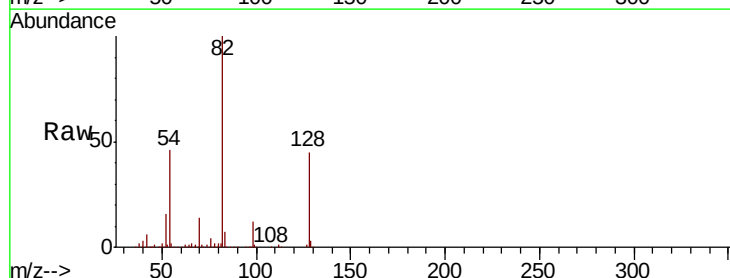
Ion Ratio Lower Upper

70 100

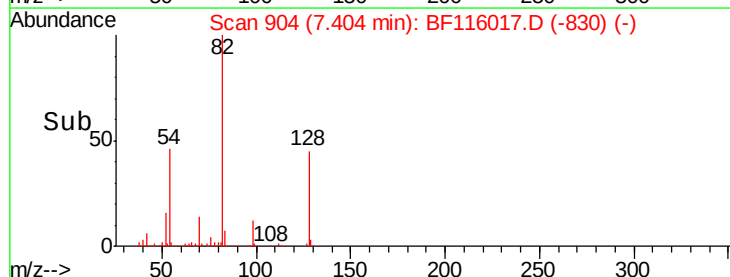
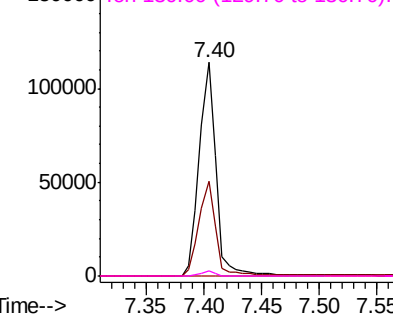
42 44.3 41.8 62.8

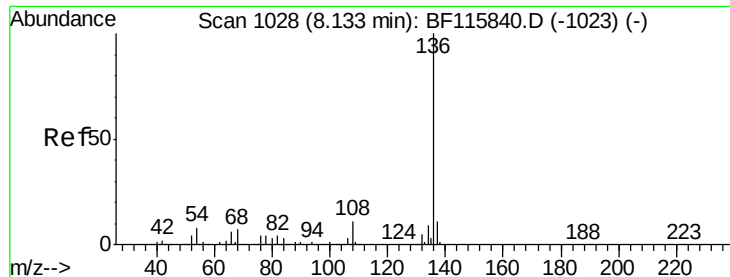
101 0.0 7.7 11.5#

130 2.4 17.8 26.6#



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

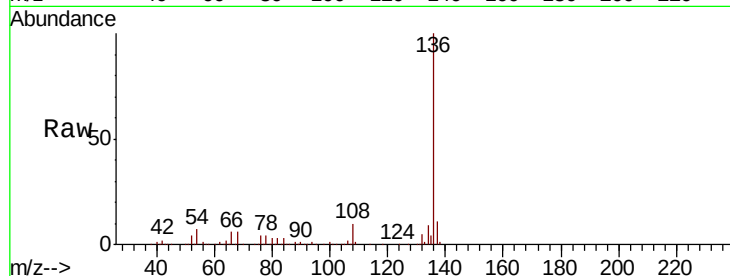




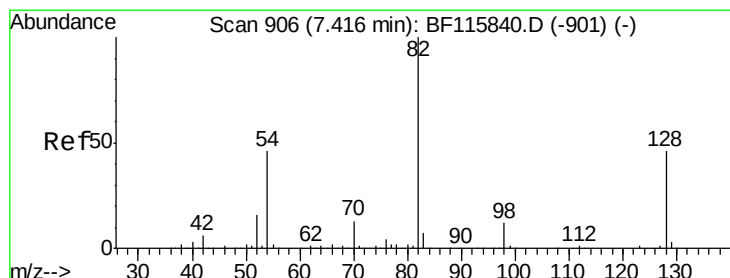
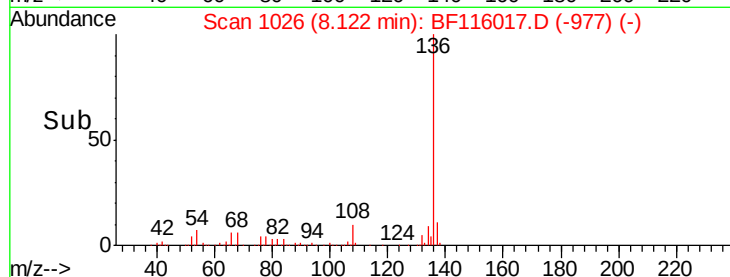
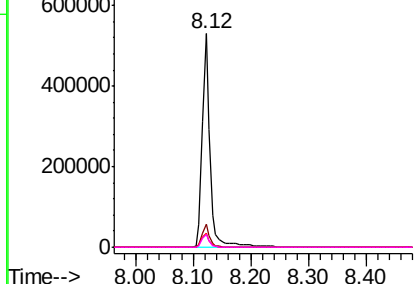
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116017.D
Acq: 6 Aug 2019 17:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	508062
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.1 13.7
54	6.9	6.1 9.1
68	6.2	5.4 8.2

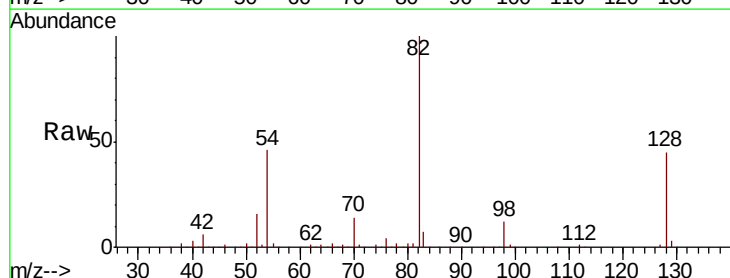


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

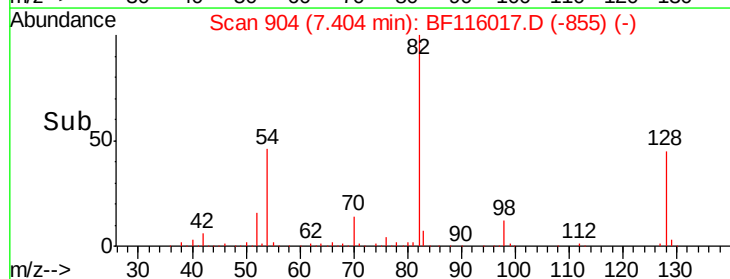
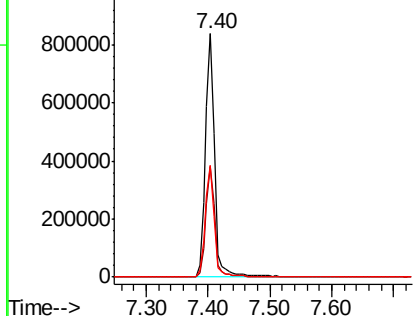


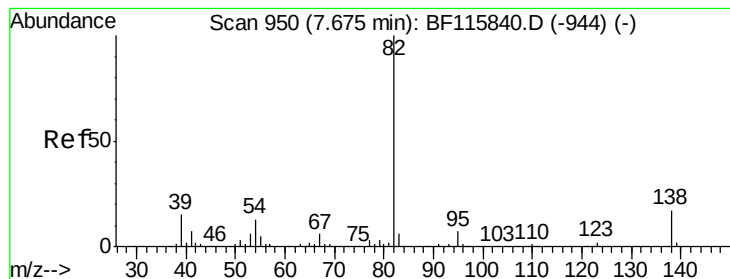
#23
Nitrobenzene-d5
Concen: 100.686 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116017.D
Acq: 6 Aug 2019 17:08

Tgt Ion: 82	Resp:	886207
Ion	Ratio	Lower Upper
82	100	
128	45.4	36.6 55.0
54	45.7	36.6 55.0



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





#25

Isophorone

Concen: 52.655 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

Instrument :

BNA_F

ClientSampled :

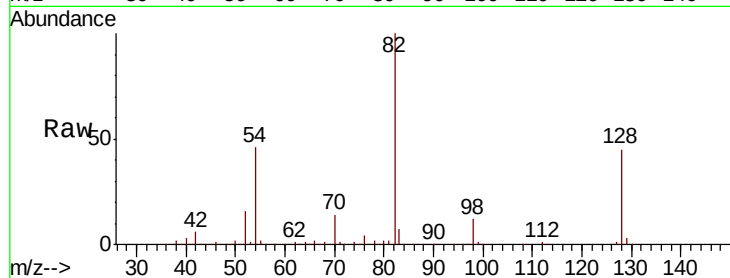
Tot Ion: 82 Resp: 886202

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

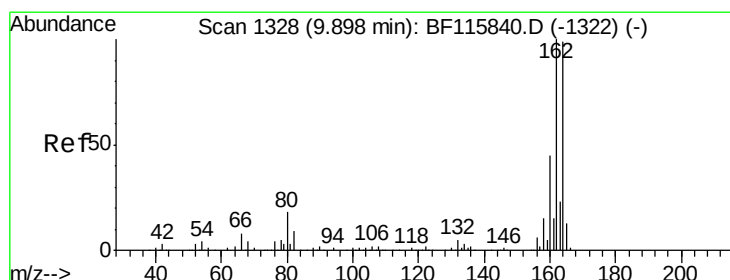
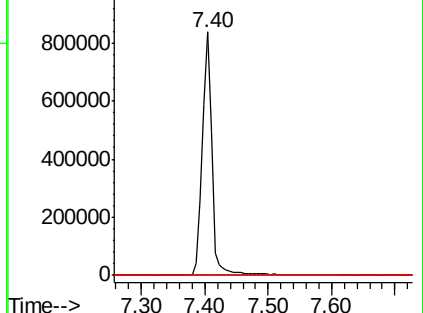
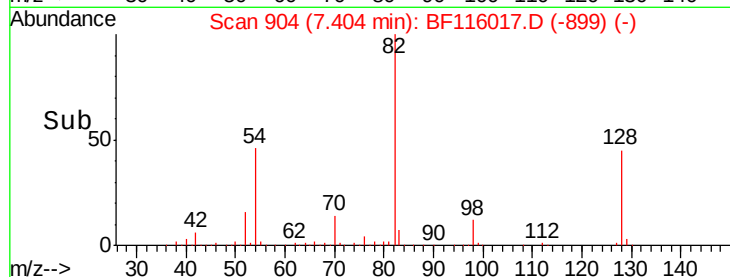
138 0.0 13.9 20.9#



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: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF116017.D

Acq: 6 Aug 2019 17:08

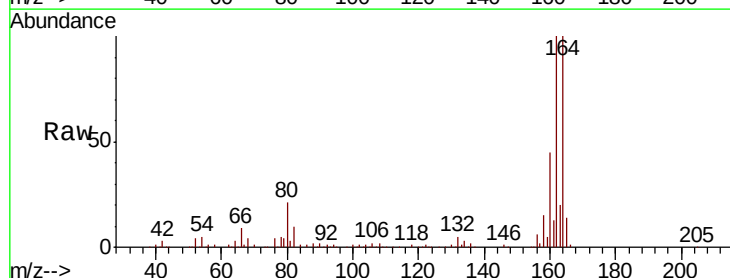
Tgt Ion: 164 Resp: 271115

Ion Ratio Lower Upper

164 100

162 100.4 80.8 121.2

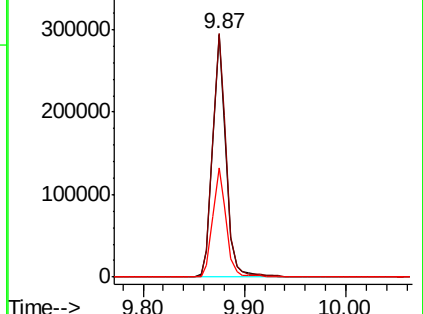
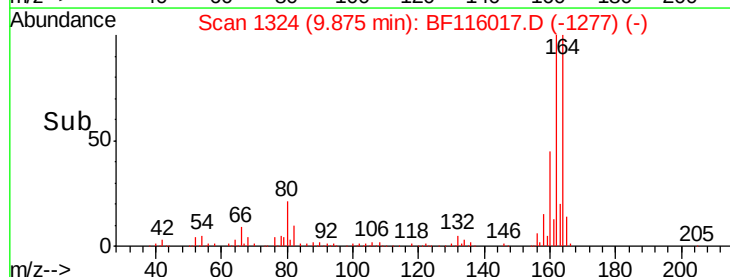
160 44.9 36.2 54.4

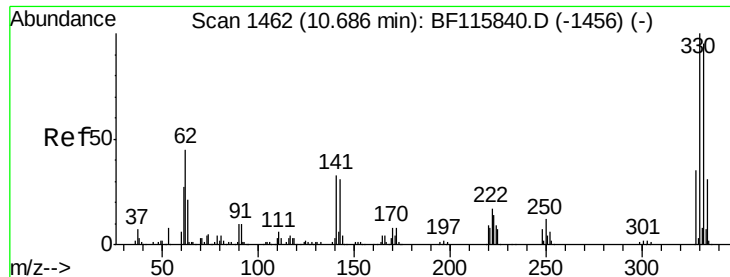


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

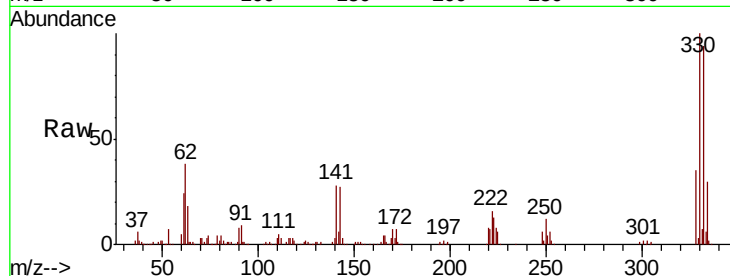




#42
 2,4,6-Tribromophenol
 Concen: 151.762 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF116017.D
 Acq: 6 Aug 2019 17:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	Resp	398911
Ion Ratio	100		
Lower	77.7		
Upper	116.5		
332	95.5		
141	33.3		
	28.1		
	42.1		

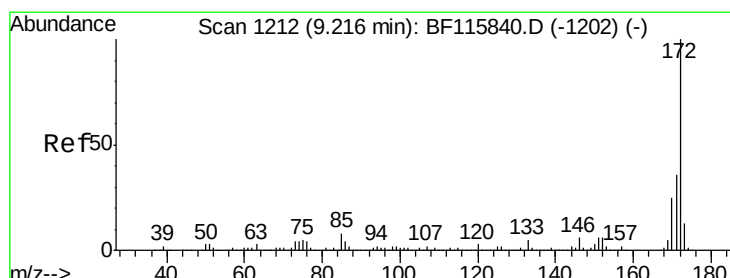
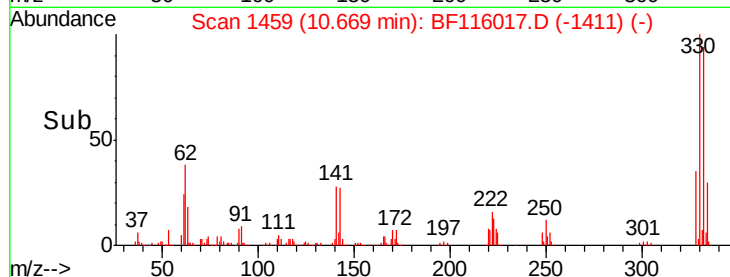
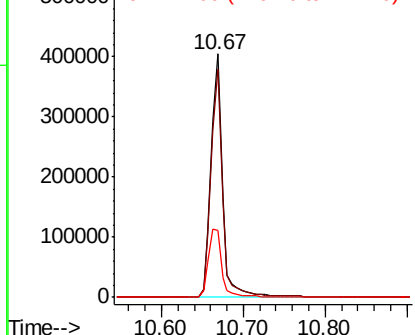


Abundance

Ion 329.80 (329.50 to 330.50): E

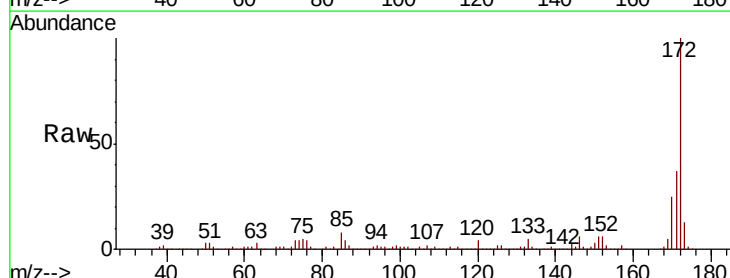
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 104.225 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF116017.D
 Acq: 6 Aug 2019 17:08

Tgt Ion	172	Resp	1508588
Ion Ratio	100		
Lower	29.1		
Upper	43.7		
171	37.1		
170	25.4		
	20.1		
	30.1		

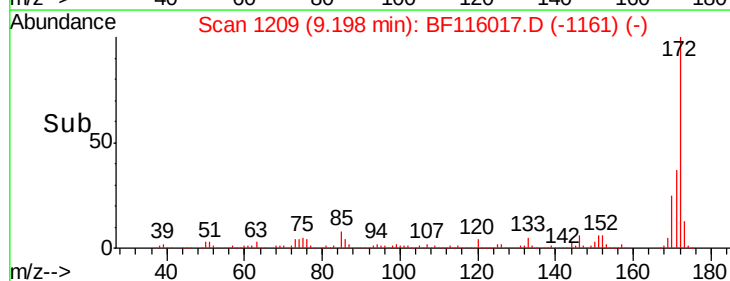
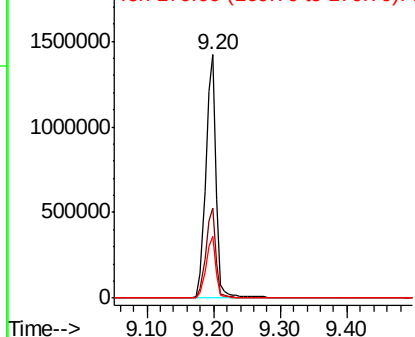


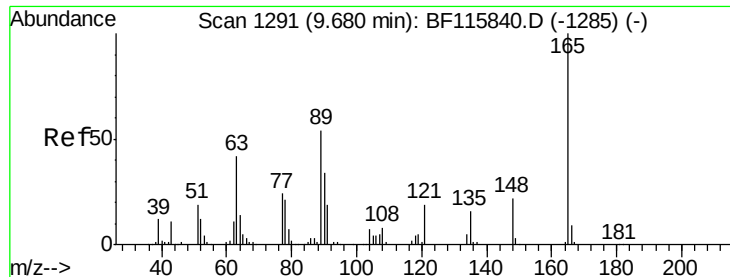
Abundance

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

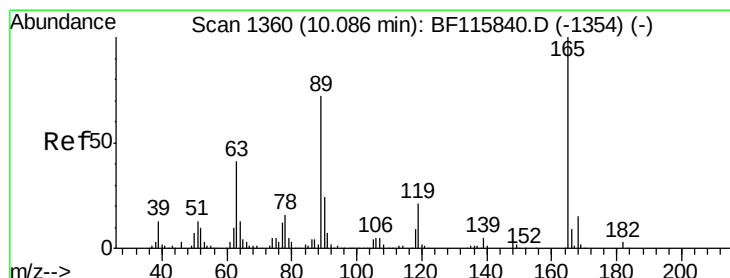
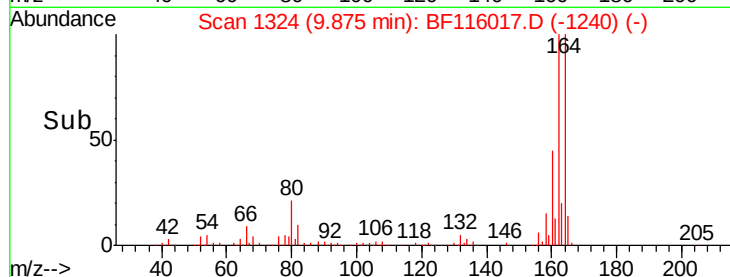
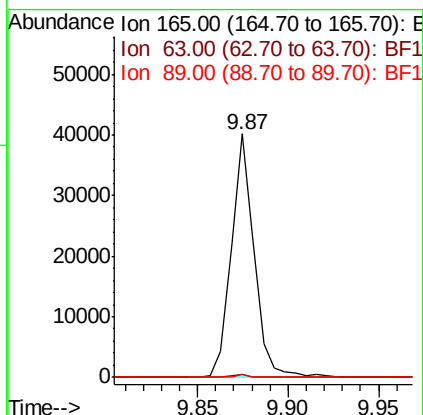
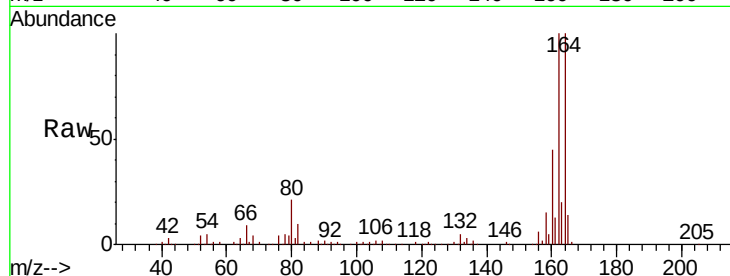




#51
 2,6-Dinitrotoluene
 Concen: 8.776 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.19 min
 Lab File: BF116017.D
 Acq: 6 Aug 2019 17:08

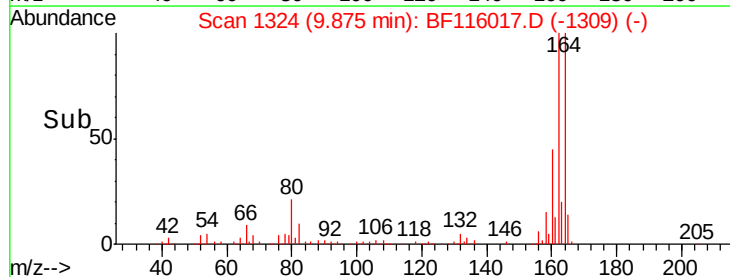
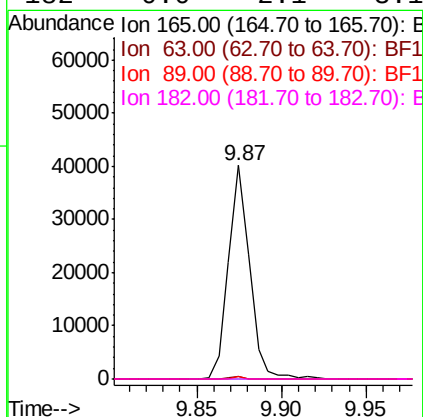
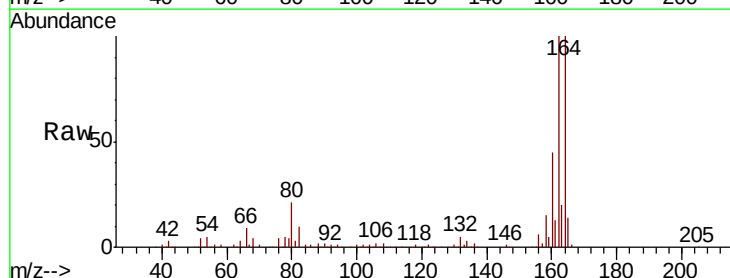
Instrument :
 BNA_F
 ClientSampleId :

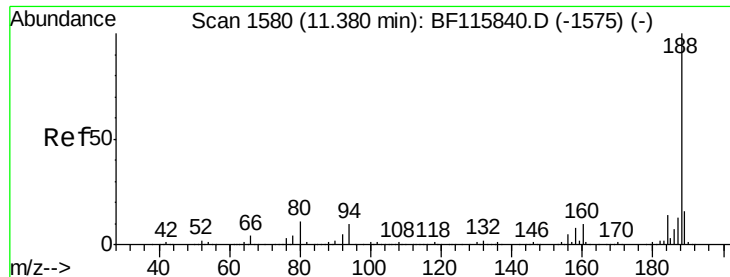
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.4	59.2#
89	1.4	43.0	64.6#



#57
 2,4-Dinitrotoluene
 Concen: 6.592 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.21 min
 Lab File: BF116017.D
 Acq: 6 Aug 2019 17:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.2	49.8#
89	1.4	57.3	85.9#
182	0.0	2.1	3.1#

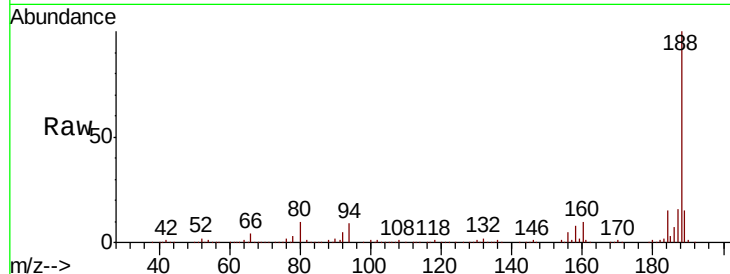




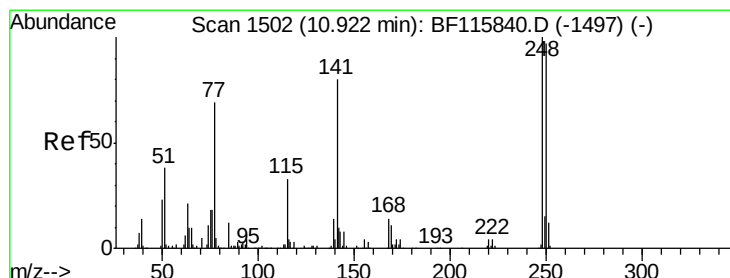
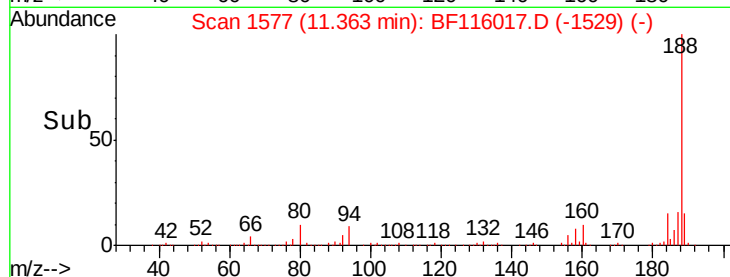
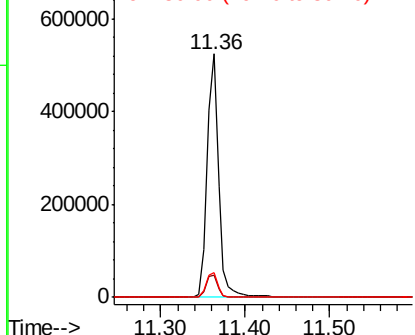
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF116017.D
Acq: 6 Aug 2019 17:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 499356
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 10.0 8.6 12.8

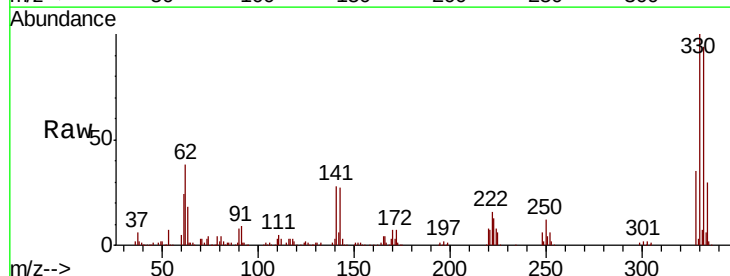


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

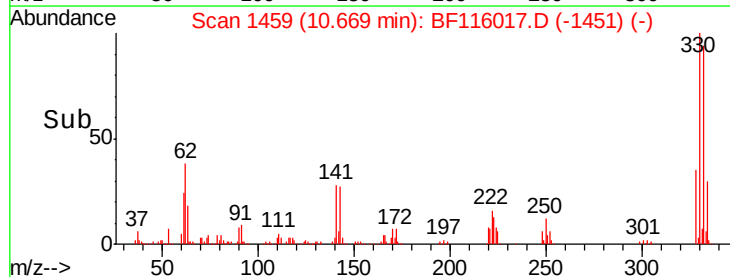
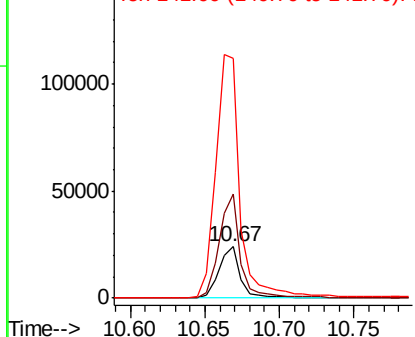


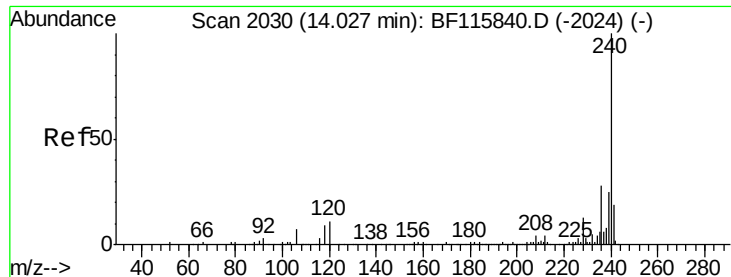
#67
4-Bromophenyl-phenylether
Concen: 4.580 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF116017.D
Acq: 6 Aug 2019 17:08

Tgt Ion:248 Resp: 24481
Ion Ratio Lower Upper
248 100
250 201.9 77.8 116.6#
141 464.4 64.3 96.5#



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

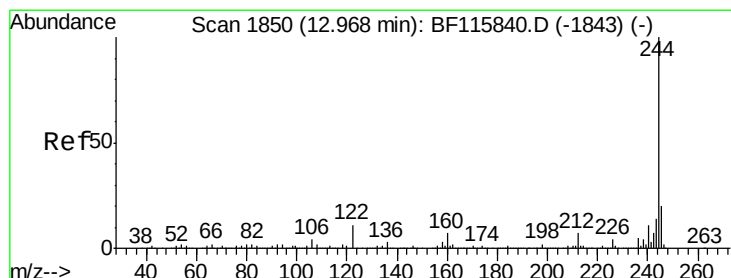
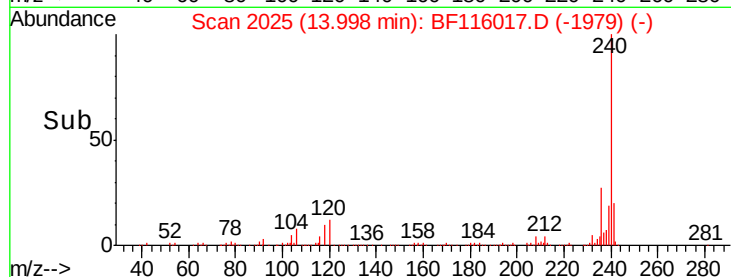
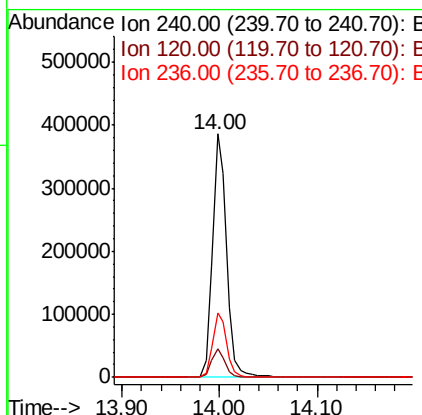
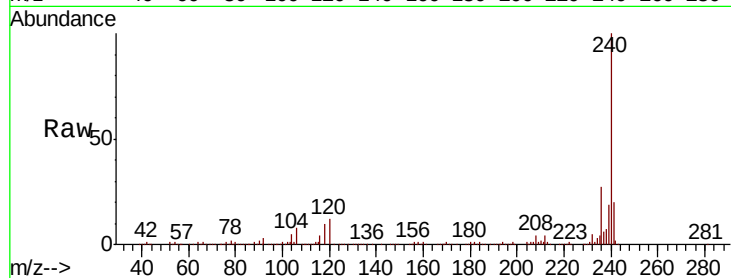




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.03 min
 Lab File: BF116017.D
 Acq: 6 Aug 2019 17:08

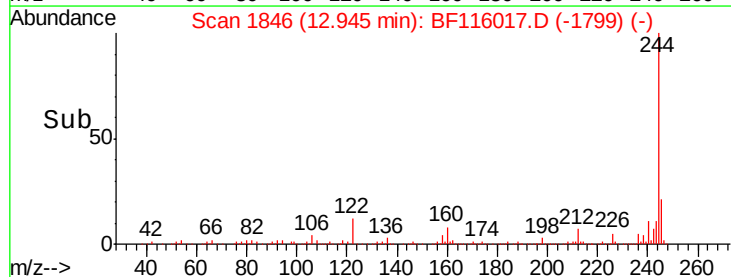
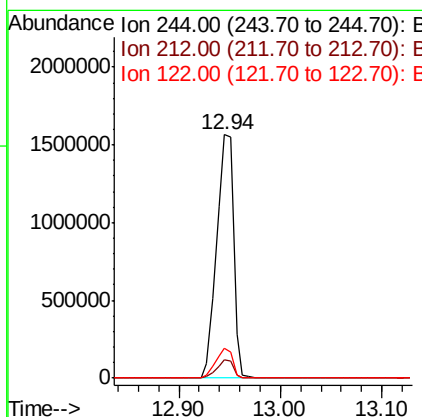
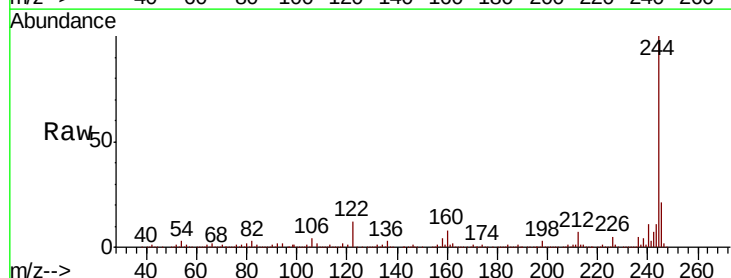
Instrument :
 BNA_F
 ClientSampleId :

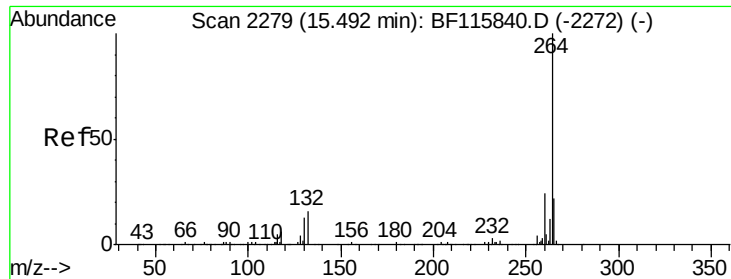
Tot Ion:240 Resp: 383256
 Ion Ratio Lower Upper
 240 100
 120 11.7 8.5 12.7
 236 26.6 22.2 33.2



#79
 Terphenyl-d14
 Concen: 100.528 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BF116017.D
 Acq: 6 Aug 2019 17:08

Tgt Ion:244 Resp: 1828419
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.6 8.4
 122 12.0 8.6 13.0

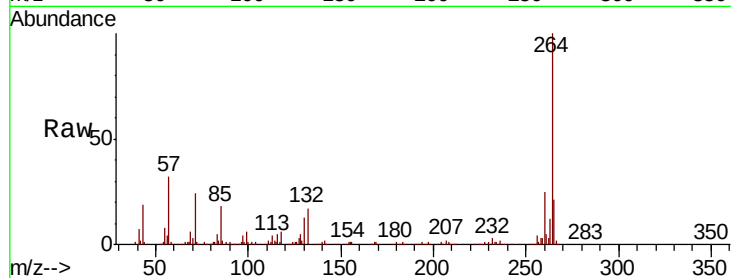




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.03 min
 Lab File: BF116017.D
 Acq: 6 Aug 2019 17:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.4	17.5	26.3



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

