

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116083.D
 Acq On : 8 Aug 2019 22:31
 Operator : HP/JU
 Sample : K4130-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 09:14:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

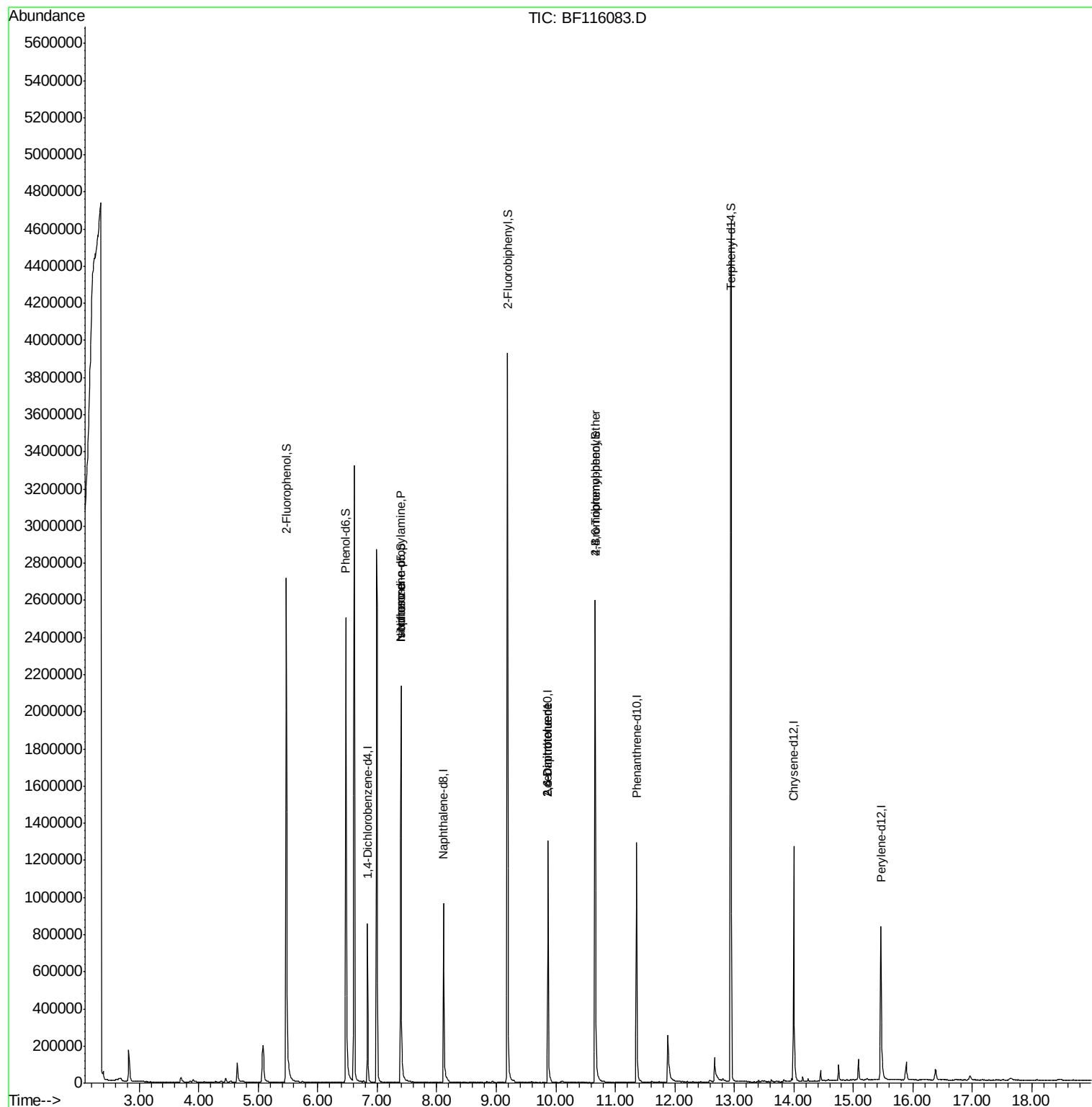
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	128467	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	507453	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	279223	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	525236	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	476520	20.00	ng	-0.01
87) Perylene-d12	15.46	264	455461	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	890293	116.01	ng	0.00
7) Phenol-d6	6.47	99	1044441	107.87	ng	-0.01
23) Nitrobenzene-d5	7.40	82	823504	93.67	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	392491	144.98	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1434301	96.22	ng	-0.01
79) Terphenyl-d14	12.94	244	1862316	82.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	107861	17.978	ng	# 80
25) Isophorone	7.40	82	824032	49.020	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	36233	8.770	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	36233	6.587	ng	# 21
67) 4-Bromophenyl-phenylether	10.66	248	23630	4.203	ng	# 1

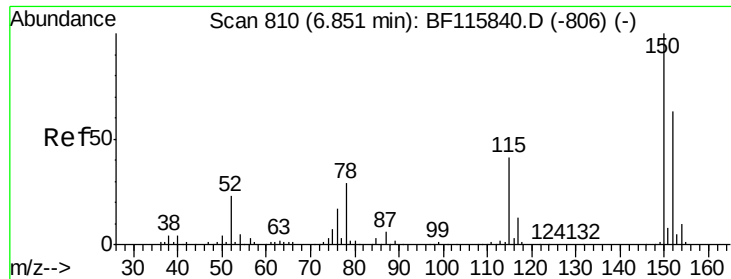
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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BNA_F
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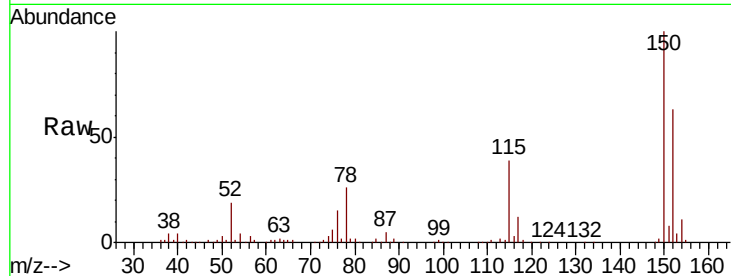


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116083.D
Acq: 8 Aug 2019 22:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.2	189.2
115	61.4	49.9	74.9

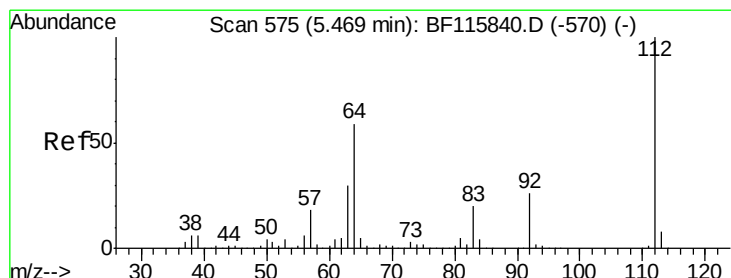
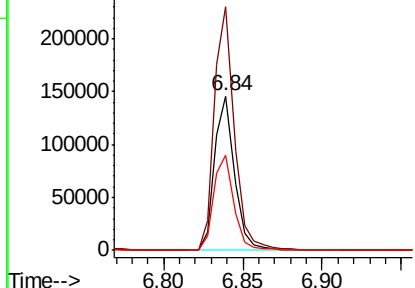
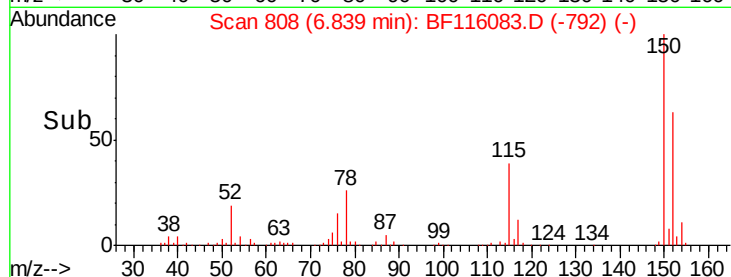


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

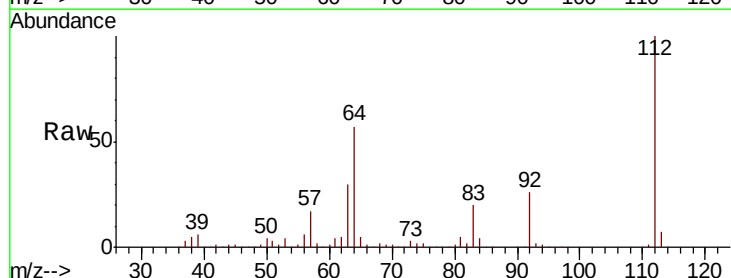
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 116.015 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116083.D
Acq: 8 Aug 2019 22:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	45.4	68.2
63	29.6	23.7	35.5

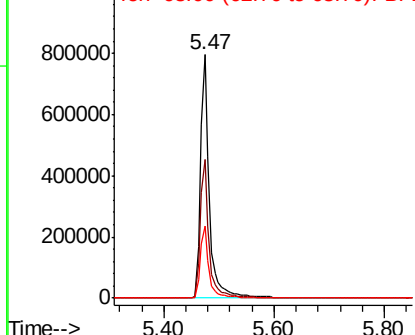
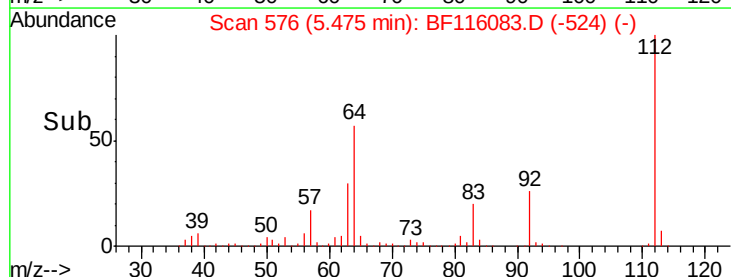


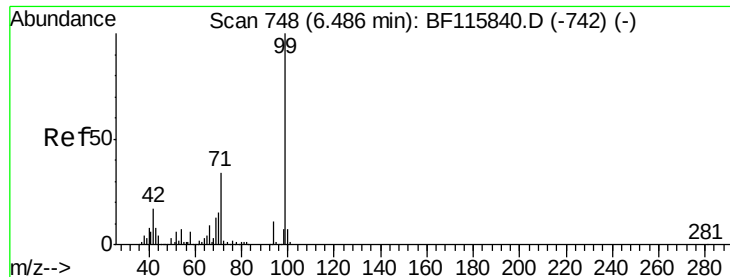
Abundance

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: 107.874 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116083.D

Acq: 8 Aug 2019 22:31

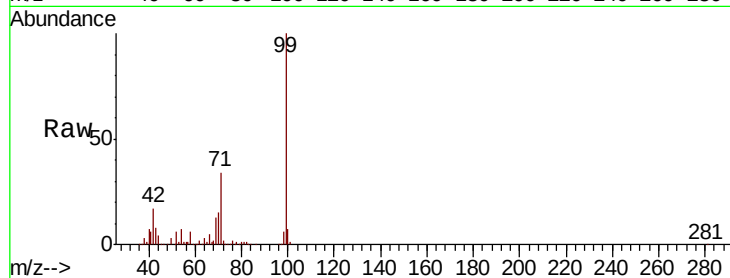
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1044441

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.8
71	34.4	27.3	40.9

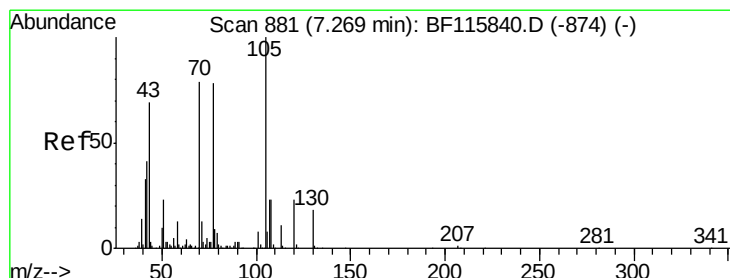
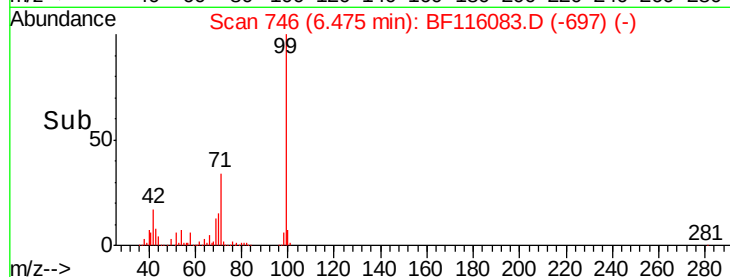
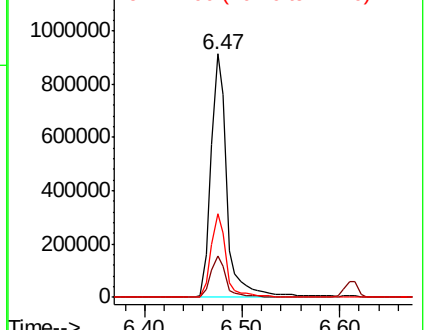


Abundance

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: 17.978 ng

RT: 7.40 min Scan# 903

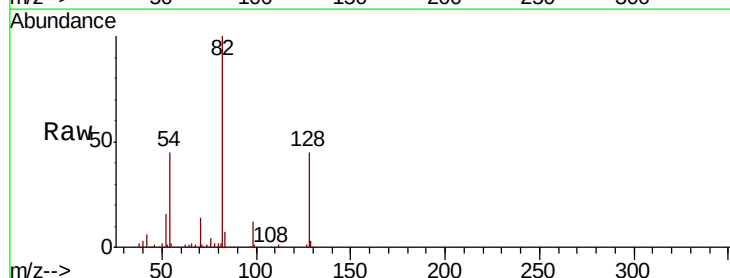
Delta R.T. 0.13 min

Lab File: BF116083.D

Acq: 8 Aug 2019 22:31

Tgt Ion: 70 Resp: 107861

Ion	Ratio	Lower	Upper
70	100		
42	44.1	40.9	61.3
101	0.0	7.9	11.9#
130	2.1	16.9	25.3#



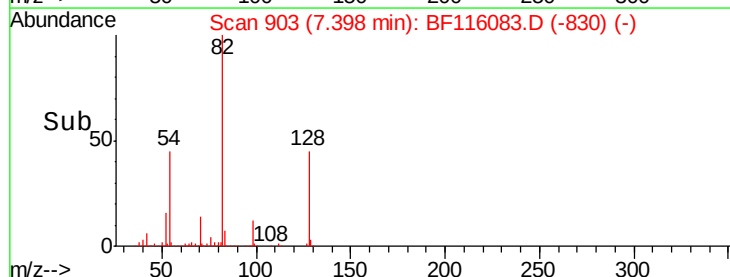
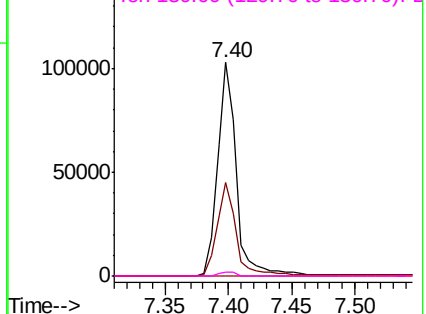
Abundance

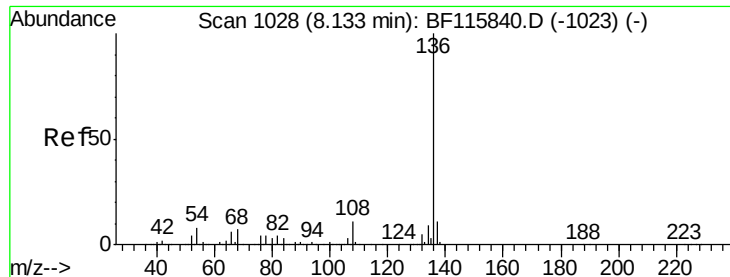
Ion 70.00 (69.70 to 70.70): BF1

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# 1025

Delta R.T. -0.01 min

Lab File: BF116083.D

Acq: 8 Aug 2019 22:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 507453

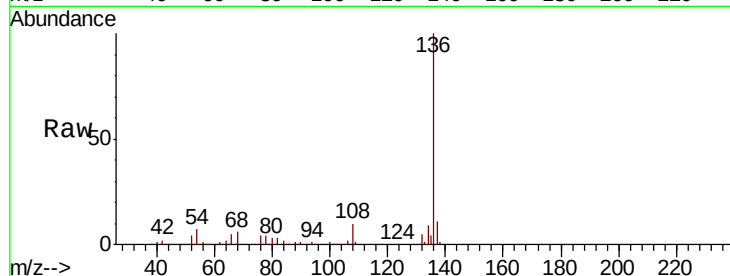
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.0 5.8 8.6

68 6.5 5.2 7.8

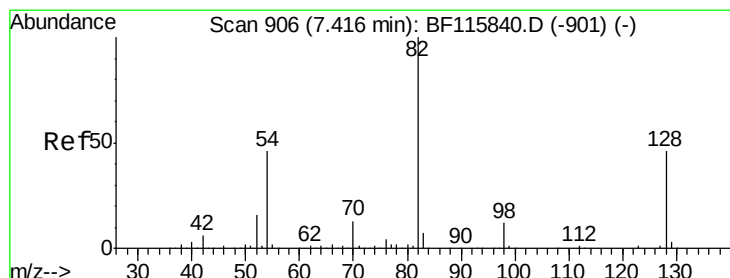
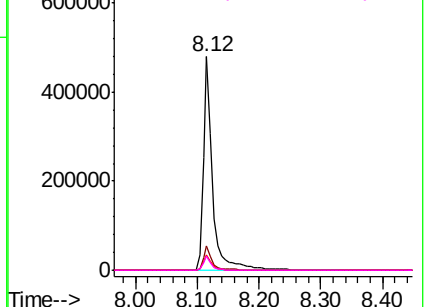
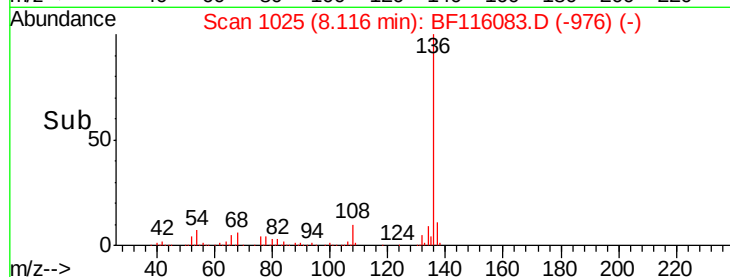


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.674 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116083.D

Acq: 8 Aug 2019 22:31

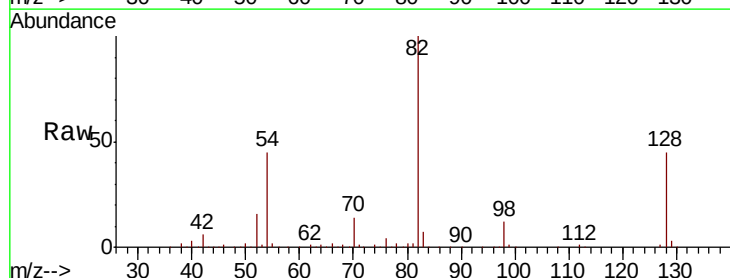
Tgt Ion: 82 Resp: 823504

Ion Ratio Lower Upper

82 100

128 44.6 36.5 54.7

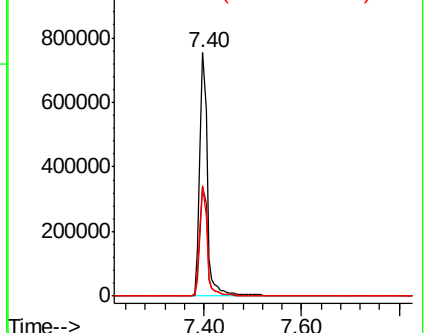
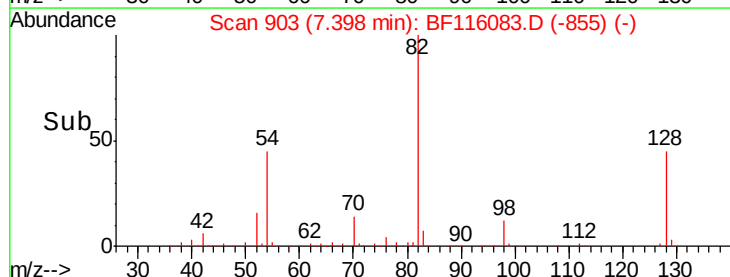
54 45.2 36.0 54.0

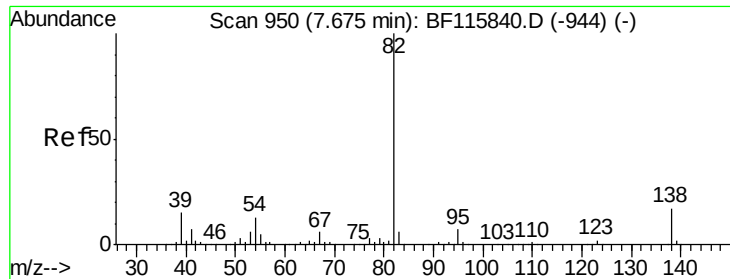


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.020 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116083.D

Acq: 8 Aug 2019 22:31

Instrument :

BNA_F

ClientSampleId :

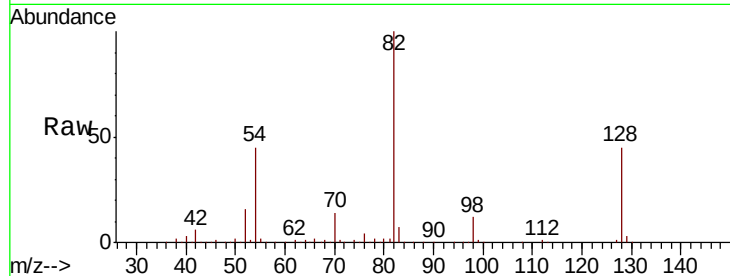
Tot Ion: 82 Resp: 824032

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

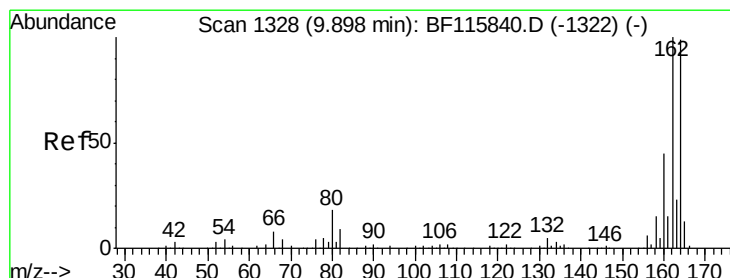
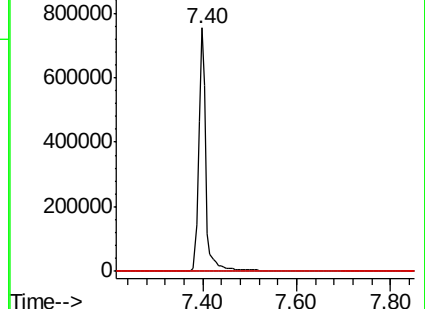
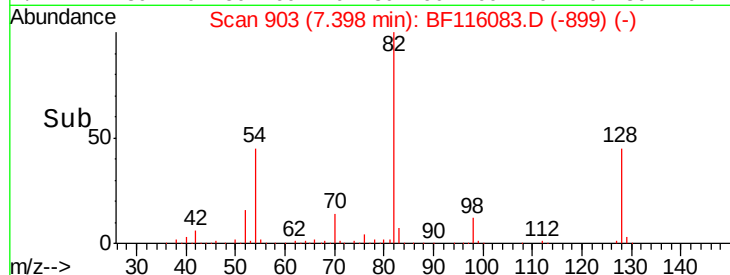
138 0.0 14.5 21.7#



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# 1323

Delta R.T. -0.02 min

Lab File: BF116083.D

Acq: 8 Aug 2019 22:31

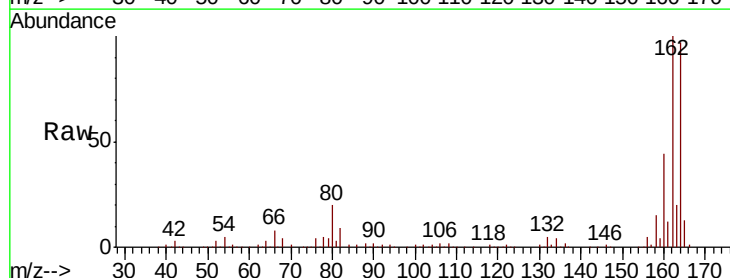
Tgt Ion:164 Resp: 279223

Ion Ratio Lower Upper

164 100

162 103.4 82.6 124.0

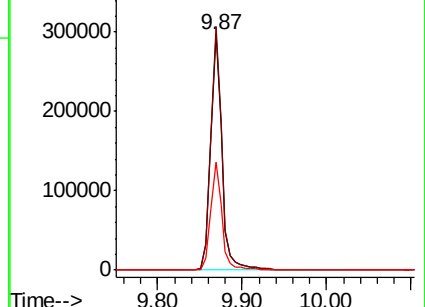
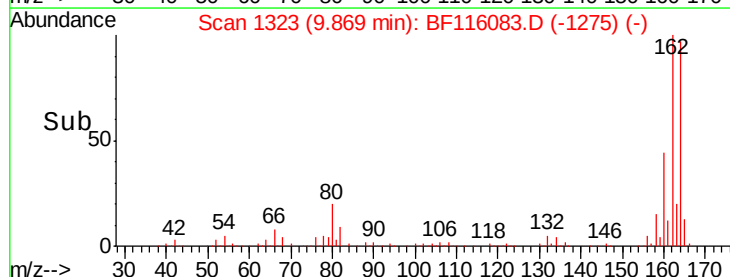
160 45.7 37.6 56.4

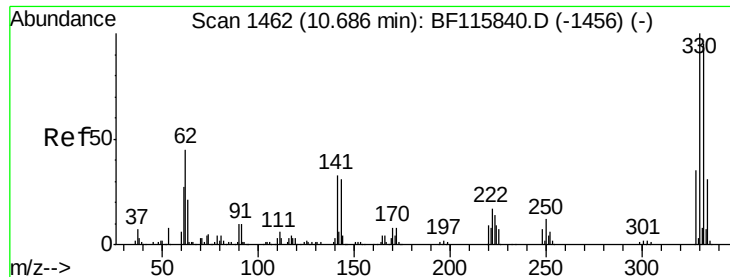


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

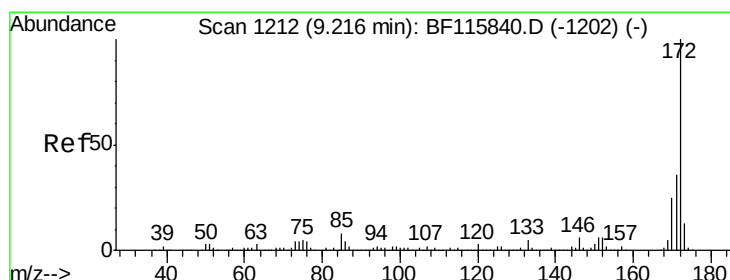
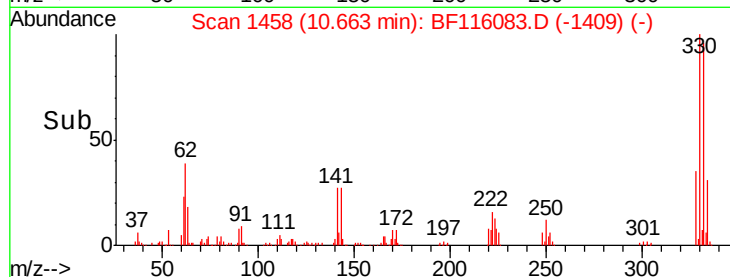
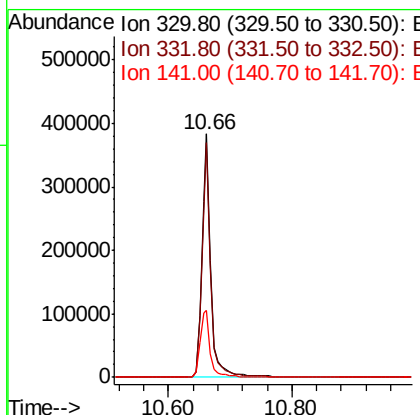
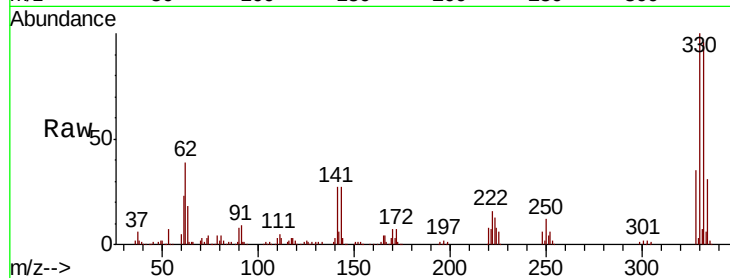




#42
 2,4,6-Tribromophenol
 Concen: 144.983 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116083.D
 Acq: 8 Aug 2019 22:31

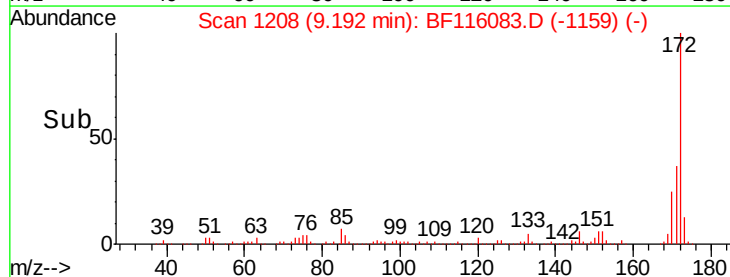
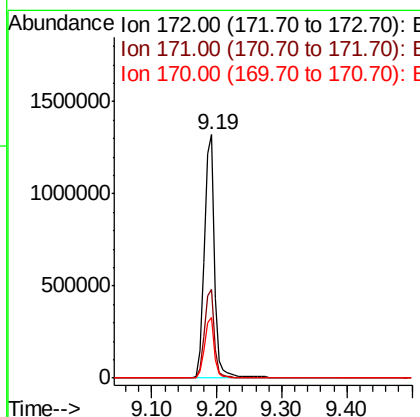
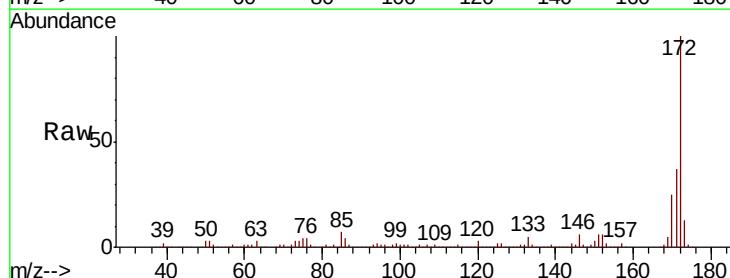
Instrument :
 BNA_F
 ClientSampled :

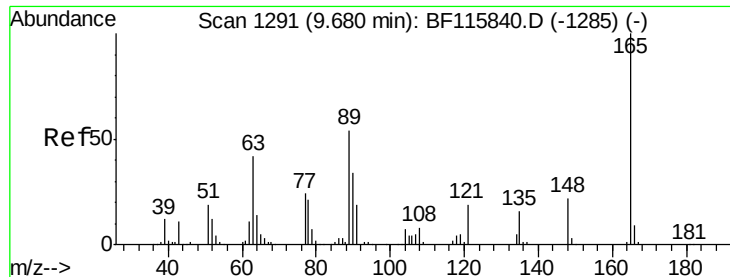
Tot Ion:330 Resp: 392491
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.8 115.2
 141 31.9 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 96.215 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116083.D
 Acq: 8 Aug 2019 22:31

Tgt Ion:172 Resp: 1434301
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.7 20.1 30.1

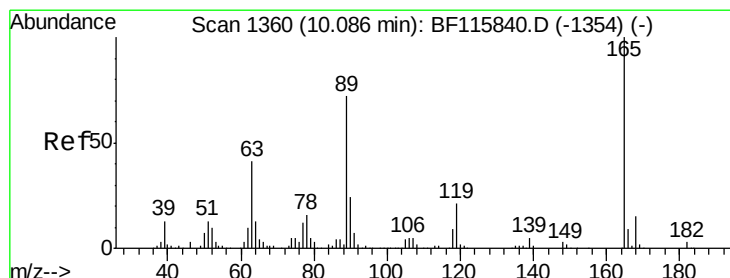
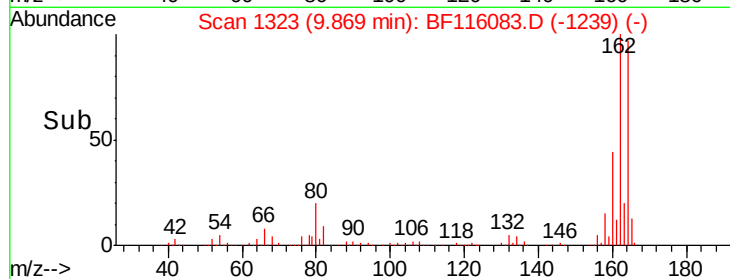
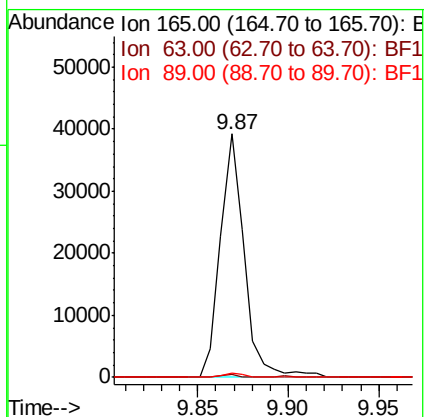
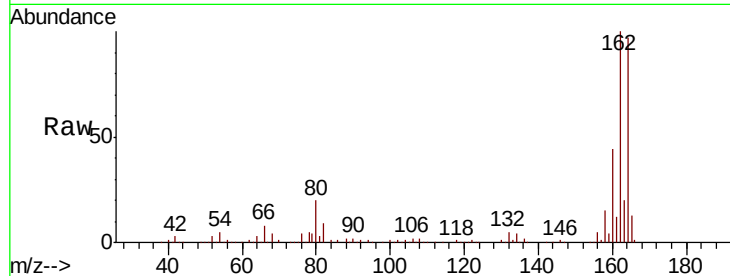




#51
 2,6-Dinitrotoluene
 Concen: 8.770 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116083.D
 Acq: 8 Aug 2019 22:31

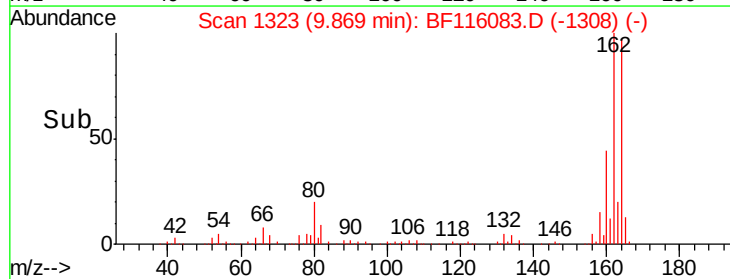
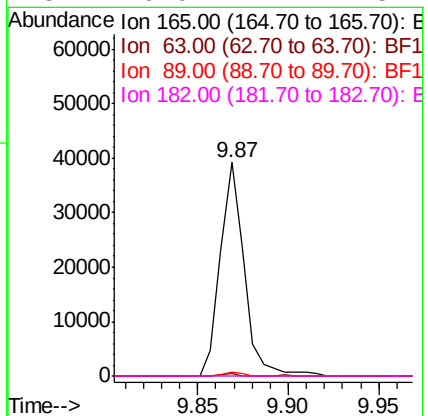
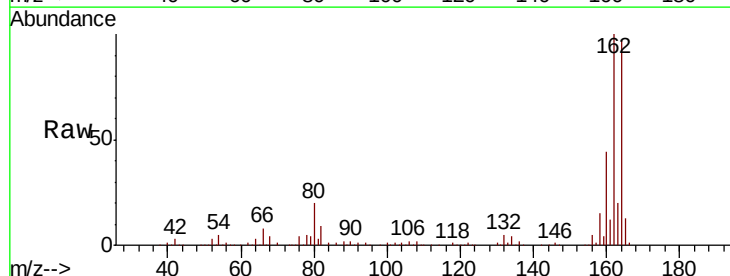
Instrument :
 BNA_F
 ClientSampleId :

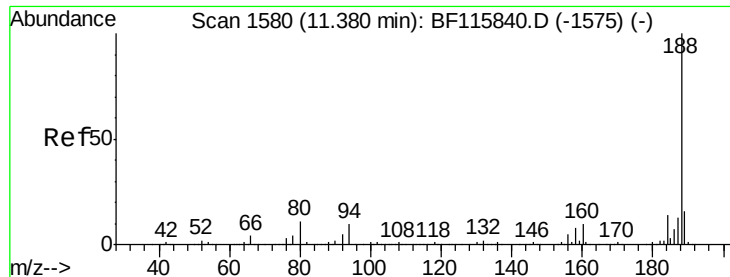
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	38.2	57.2#
89	1.5	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.587 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116083.D
 Acq: 8 Aug 2019 22:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	39.6	59.4#
89	1.5	62.2	93.2#
182	0.0	2.1	3.1#

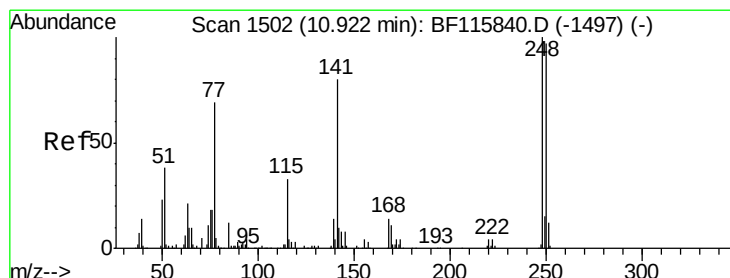
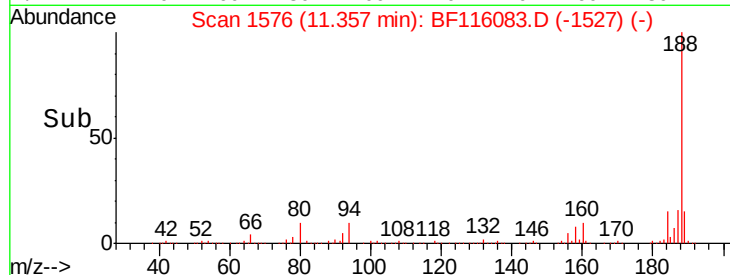
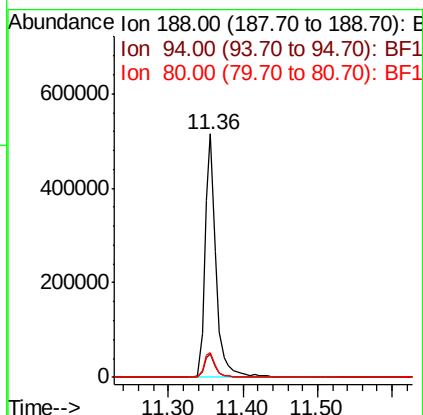
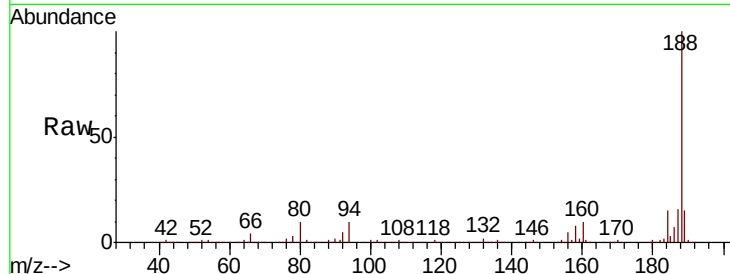




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116083.D
 Acq: 8 Aug 2019 22:31

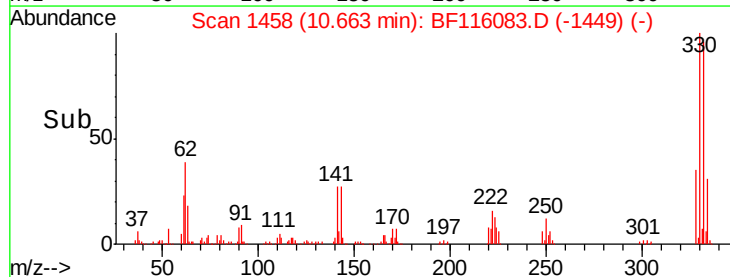
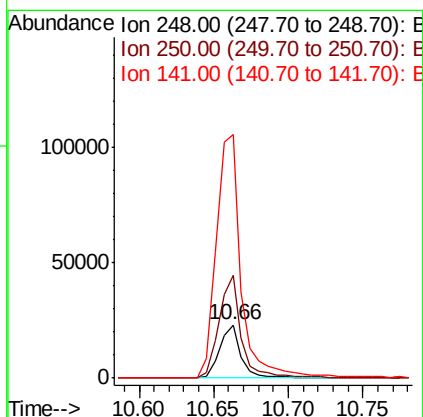
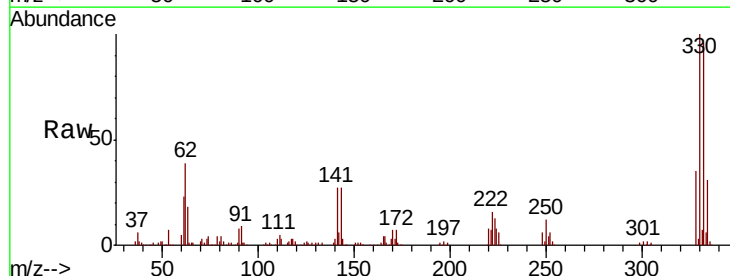
Instrument :
 BNA_F
 ClientSampleId :

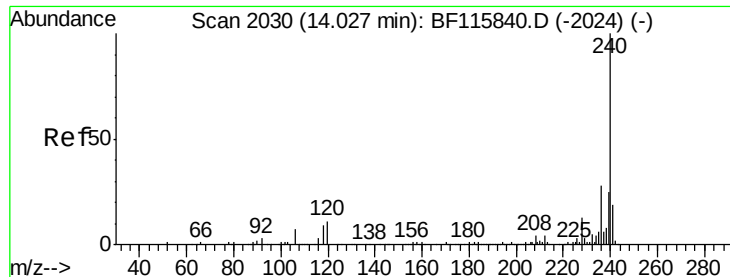
Tot Ion:188 Resp: 525236
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.1 12.1
 80 10.3 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.203 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116083.D
 Acq: 8 Aug 2019 22:31

Tgt Ion:248 Resp: 23630
 Ion Ratio Lower Upper
 248 100
 250 192.0 77.4 116.2#
 141 455.0 56.8 85.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116083.D

Acq: 8 Aug 2019 22:31

Instrument :

BNA_F

ClientSampleId :

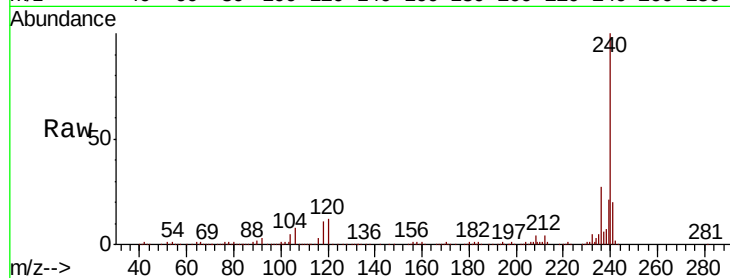
Tot Ion:240 Resp: 476520

Ion Ratio Lower Upper

240 100

120 11.5 10.7 16.1

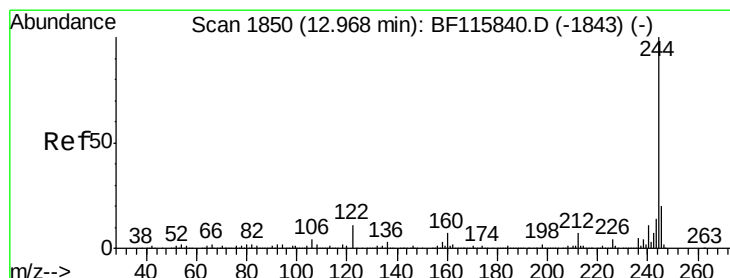
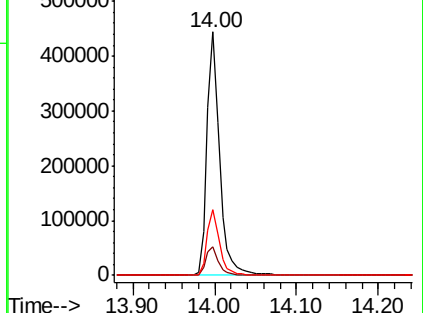
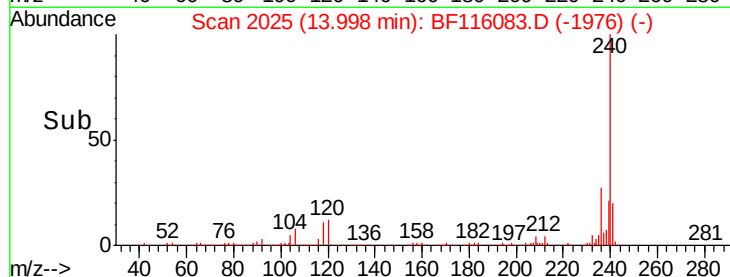
236 27.0 22.2 33.2



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: 82.351 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116083.D

Acq: 8 Aug 2019 22:31

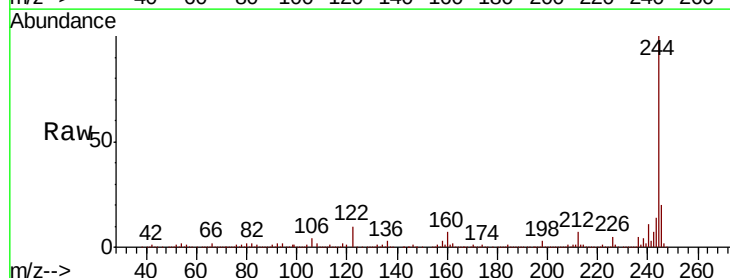
Tgt Ion:244 Resp: 1862316

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

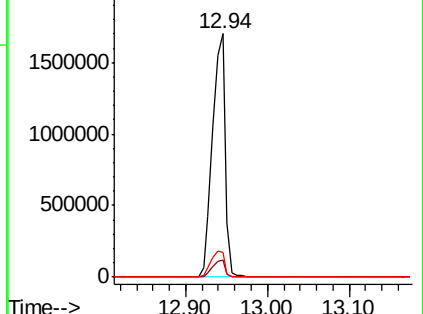
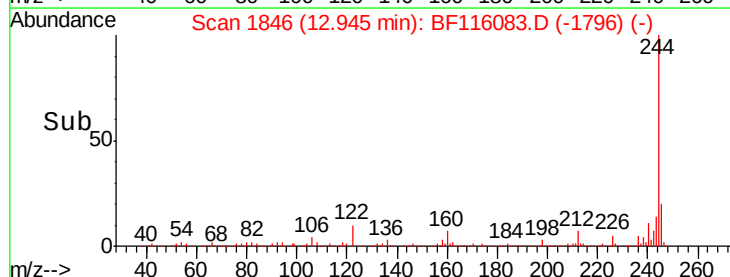
122 10.3 9.0 13.4

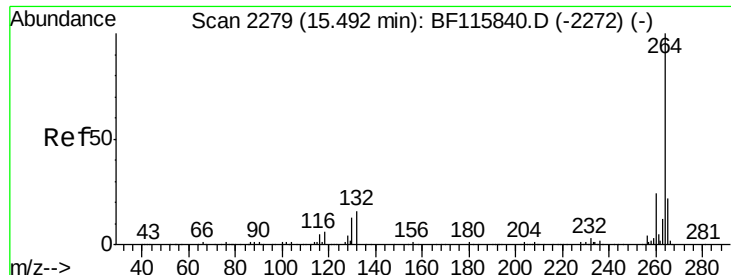


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

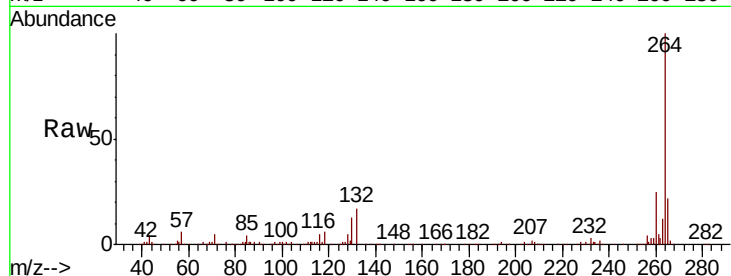




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116083.D
Acq: 8 Aug 2019 22:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	455461
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	22.0	17.4	26.0



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

