

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
 Data File : BF116621.D
 Acq On : 28 Aug 2019 18:12
 Operator : HP/JU
 Sample : K4559-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 29 01:04:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 13:34:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	112850	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	443200	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	208674	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	381785	20.00	ng	0.00
76) Chrysene-d12	14.00	240	350325	20.00	ng	0.00
87) Perylene-d12	15.46	264	361021	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	699362	107.04	ng	0.01
7) Phenol-d6	6.49	99	883160	99.70	ng	0.00
23) Nitrobenzene-d5	7.42	82	760718	98.21	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	275013	138.49	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1202329	95.89	ng	0.00
79) Terphenyl-d14	12.96	244	1637226	76.01	ng	0.00

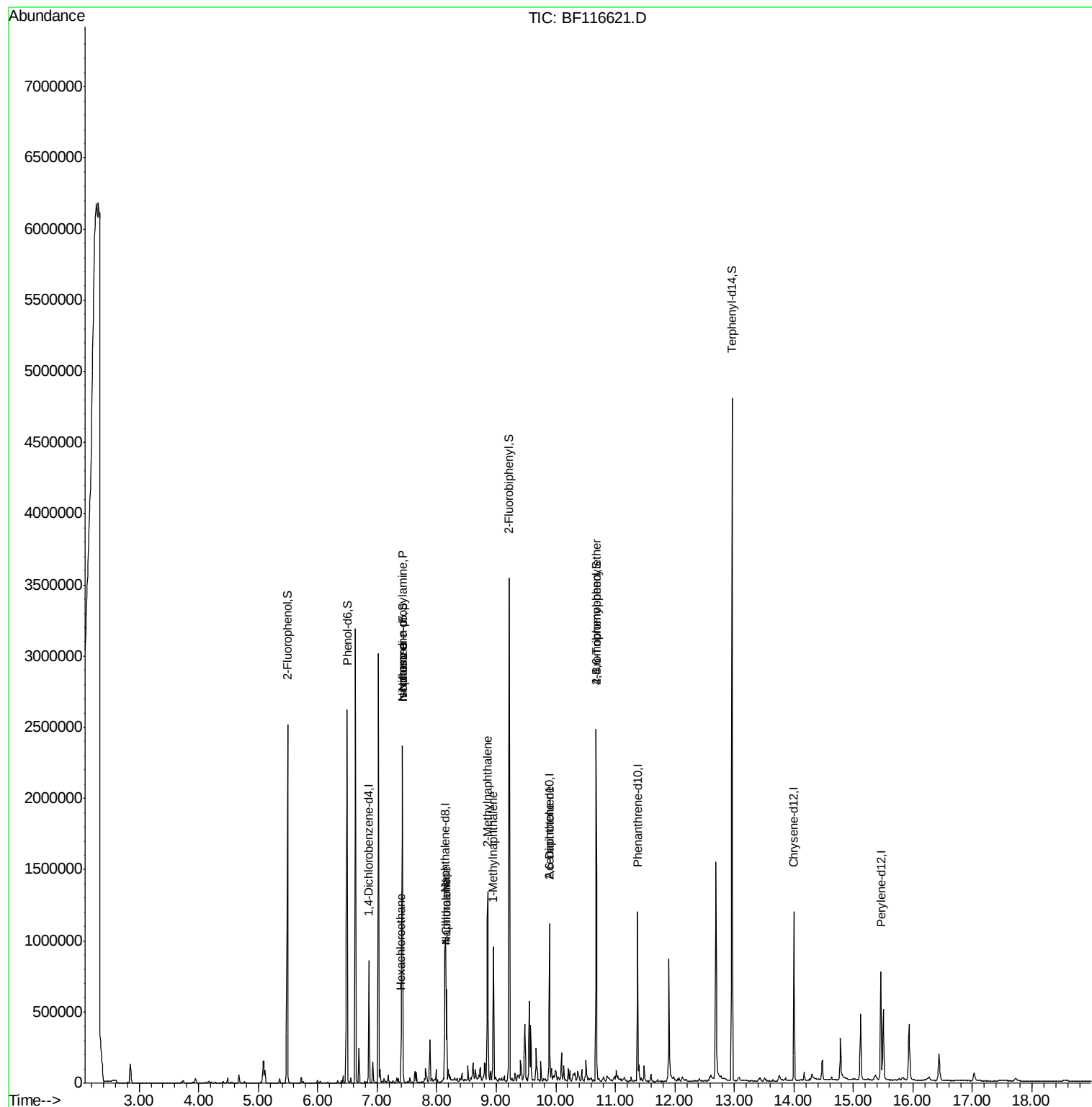
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.40	77	761	Below Cal		# 1
18) Hexachloroethane	7.40	117	8858	2.753	ng	# 1
19) n-Nitroso-di-n-propylamine	7.42	70	100464	17.835	ng	# 78
25) Isophorone	7.42	82	757950	53.754	ng	# 65
31) Naphthalene	8.16	128	248097	11.686	ng	# 99
33) 4-Chloroaniline	8.16	127	32961	3.523	ng	# 31
37) 2-Methylnaphthalene	8.86	142	354823	26.762	ng	# 99
38) 1-Methylnaphthalene	8.95	142	242314	18.714	ng	# 97
51) 2,6-Dinitrotoluene	9.89	165	29231	9.449	ng	# 32
67) 4-Bromophenyl-phenylether	10.68	248	18715	4.621	ng	# 1

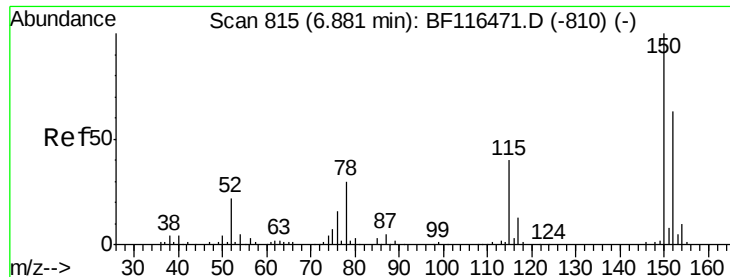
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082819\
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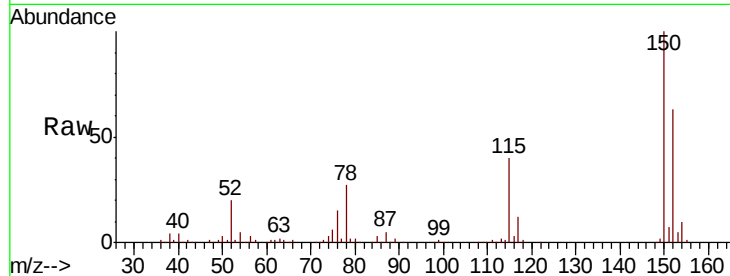


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF116621.D
Acq: 28 Aug 2019 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	123.4	185.2
115	63.3	48.2	72.2

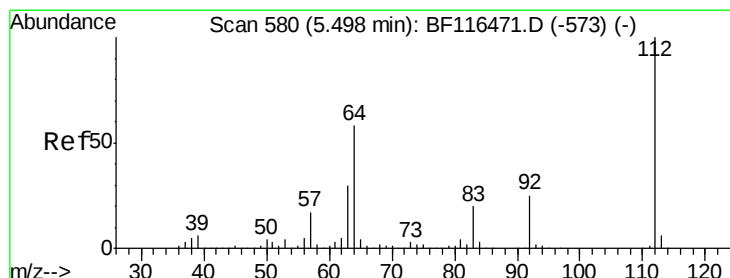
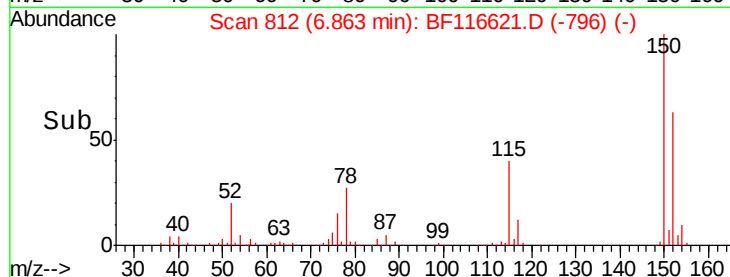
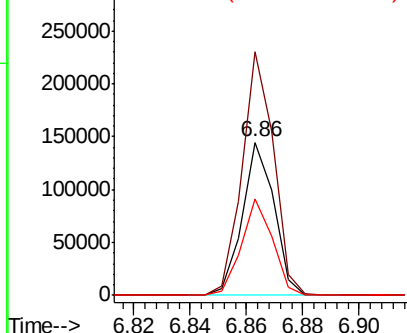


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

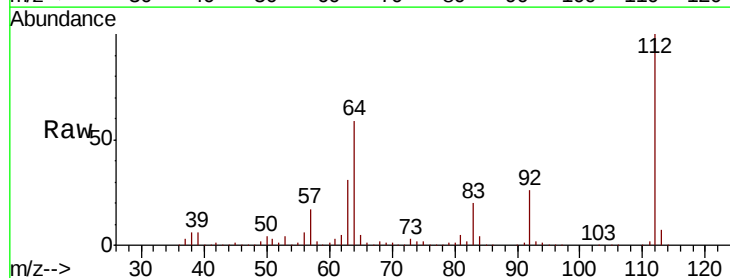
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 107.041 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF116621.D
Acq: 28 Aug 2019 18:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	48.0	72.0
63	30.7	24.6	36.8

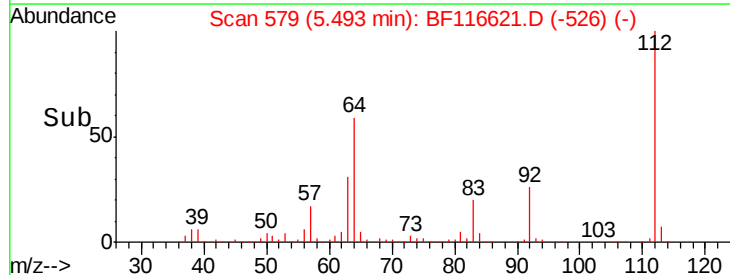
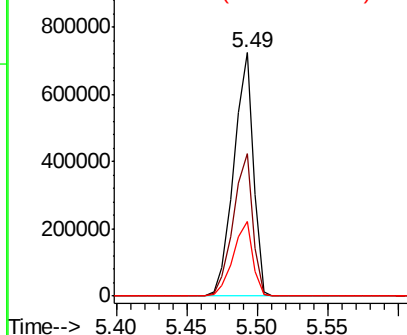


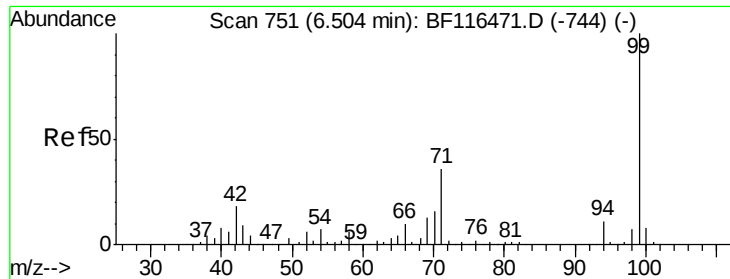
Abundance

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: 99.703 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF116621.D

Acq: 28 Aug 2019 18:12

Instrument :

BNA_F

ClientSampleId :

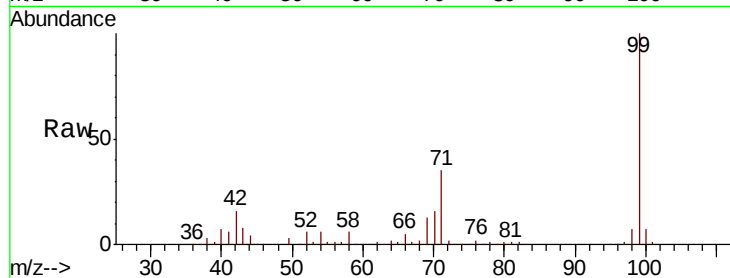
Tot Ion: 99 Resp: 883160

Ion Ratio Lower Upper

99 100

42 16.4 13.2 19.8

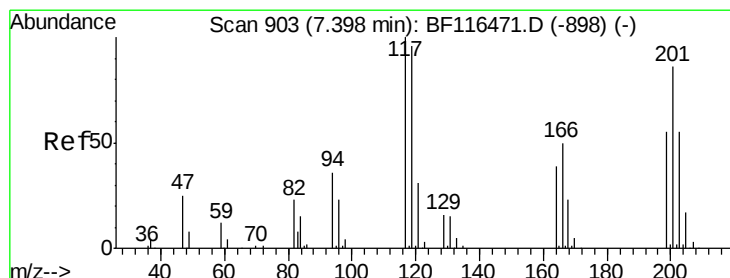
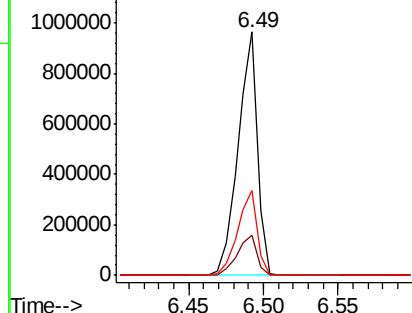
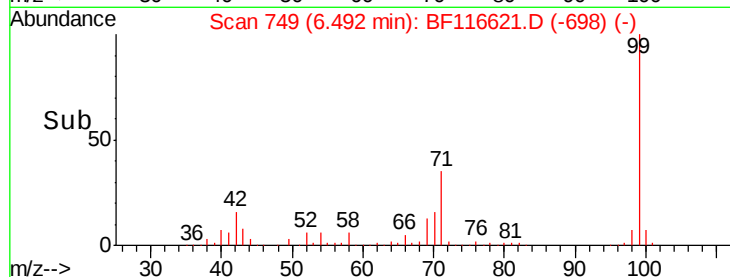
71 35.1 27.4 41.2



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



#18

Hexachloroethane

Concen: 2.753 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.01 min

Lab File: BF116621.D

Acq: 28 Aug 2019 18:12

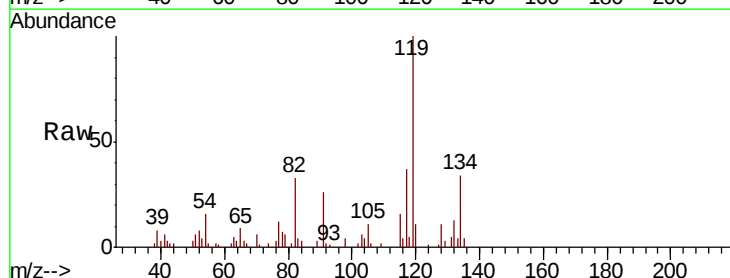
Tgt Ion: 117 Resp: 8858

Ion Ratio Lower Upper

117 100

119 267.3 78.6 118.0#

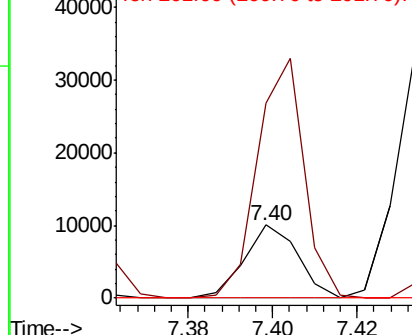
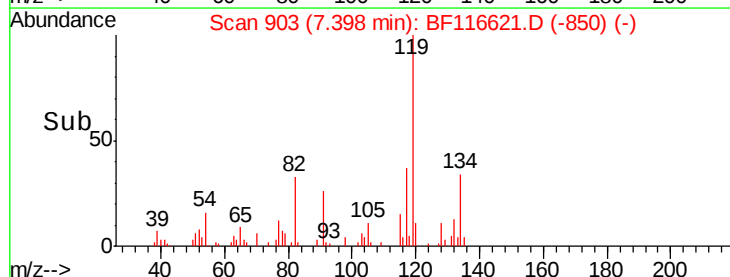
201 0.0 86.2 129.2#

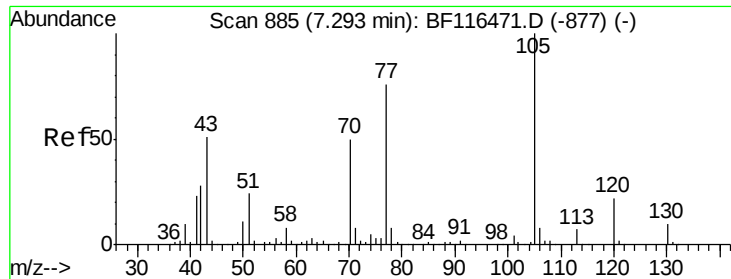


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

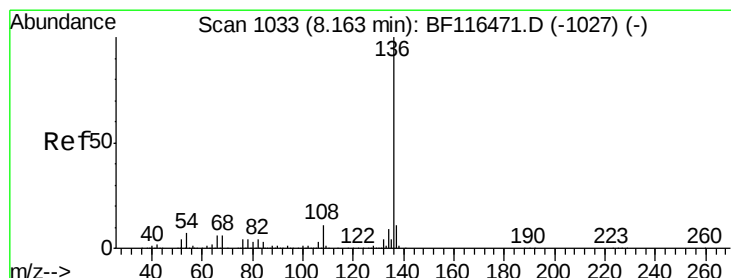
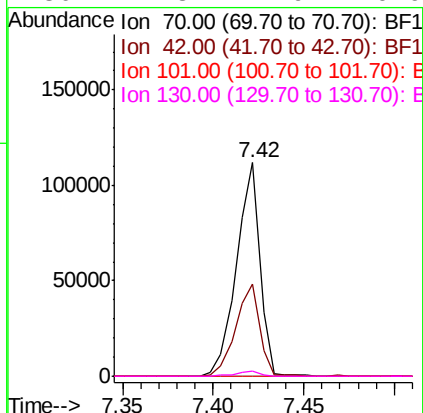
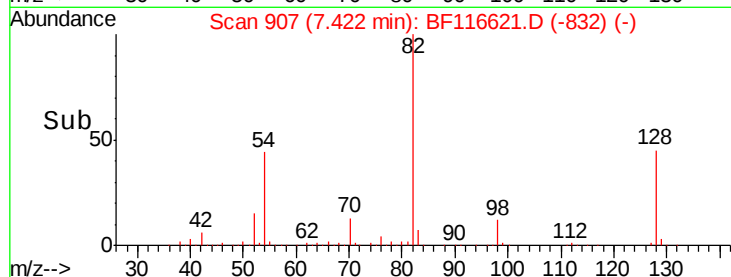
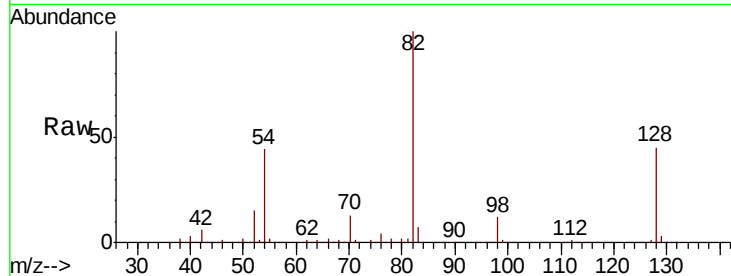




#19
n-Nitroso-di-n-propylamine
Concen: 17.835 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF116621.D
Acq: 28 Aug 2019 18:12

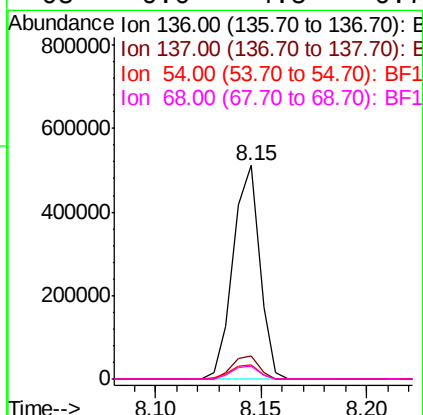
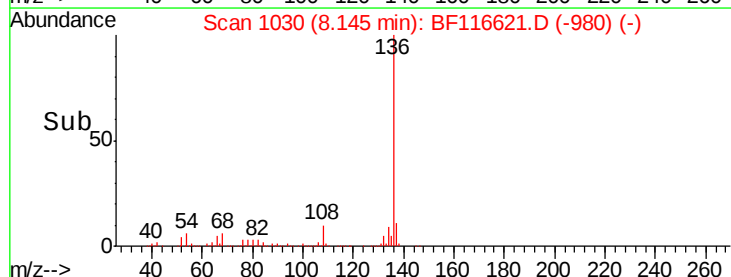
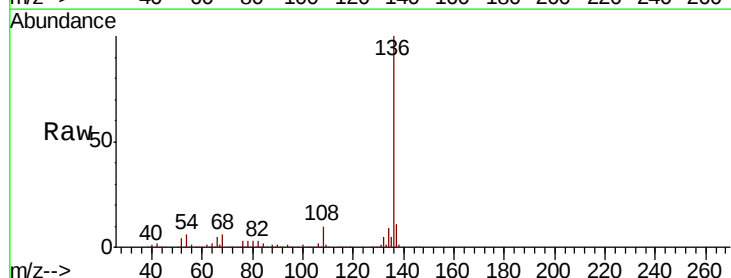
Instrument :
BNA_F
ClientSampleId :

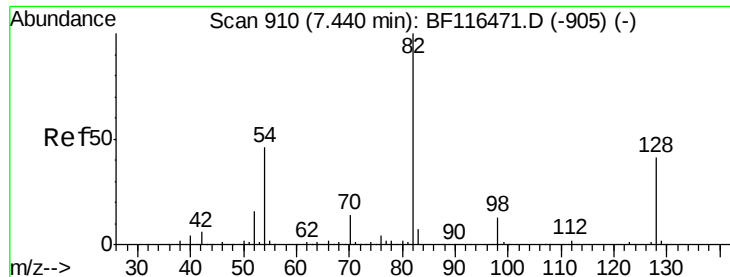
Tot Ion: 70 Resp: 100464
Ion Ratio Lower Upper
70 100
42 43.1 41.2 61.8
101 0.0 7.7 11.5#
130 2.3 17.9 26.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116621.D
Acq: 28 Aug 2019 18:12

Tgt Ion: 136 Resp: 443200
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 6.4 5.0 7.4
68 6.0 4.5 6.7

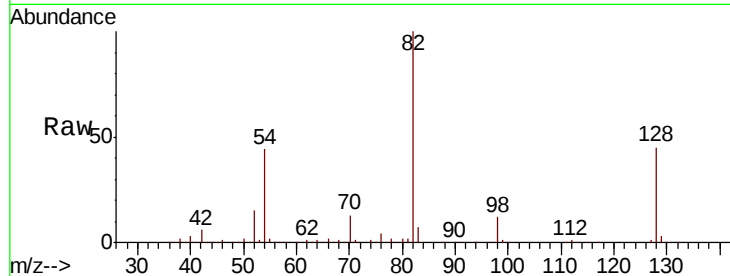




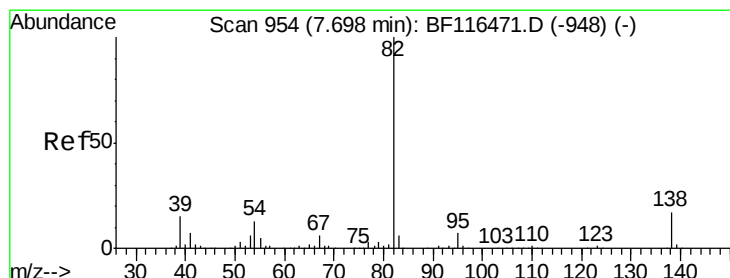
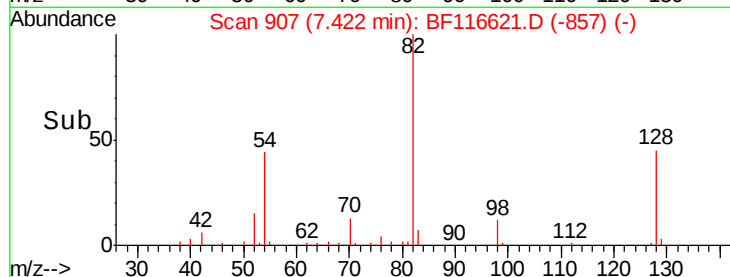
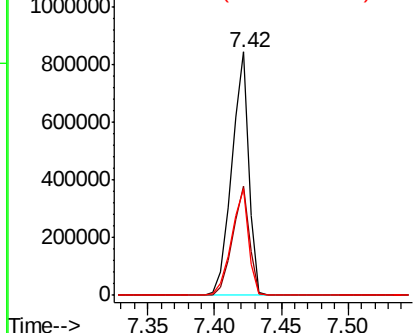
#23
Nitrobenzene-d5
Concen: 98.214 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF116621.D
Acq: 28 Aug 2019 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	760718
Ion Ratio	100	Lower	Upper
128	44.9	35.0	52.6
54	43.8	34.4	51.6

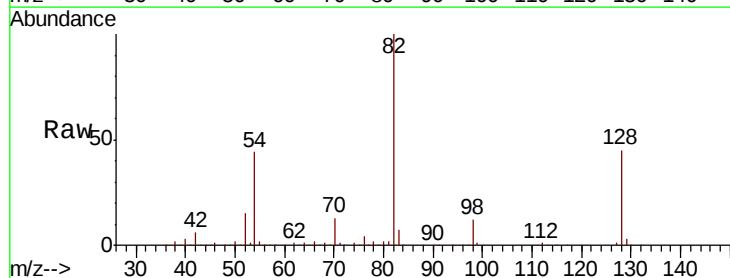


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

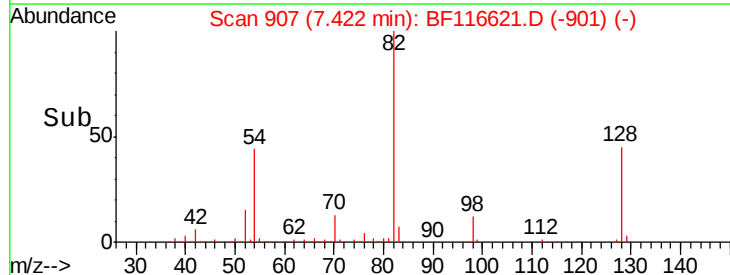
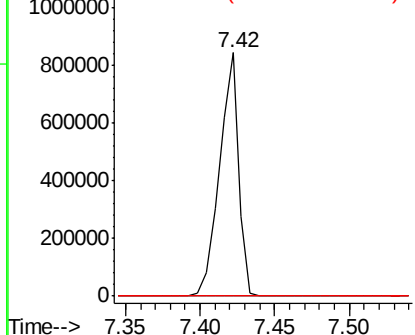


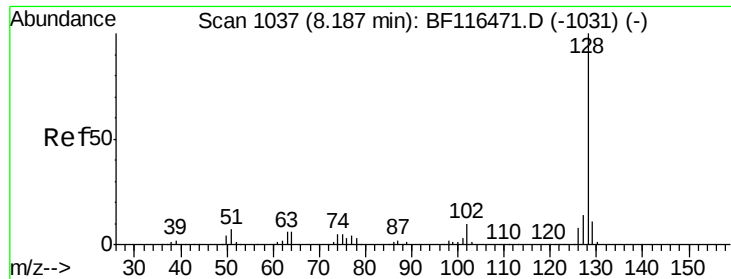
#25
Isophorone
Concen: 53.754 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.26 min
Lab File: BF116621.D
Acq: 28 Aug 2019 18:12

Tgt Ion	82	Resp	757950
Ion Ratio	100	Lower	Upper
95	0.0	5.6	8.4#
138	0.0	14.4	21.6#



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





#31

Naphthalene

Concen: 11.686 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF116621.D

Acq: 28 Aug 2019 18:12

Instrument :

BNA_F

ClientSampleId :

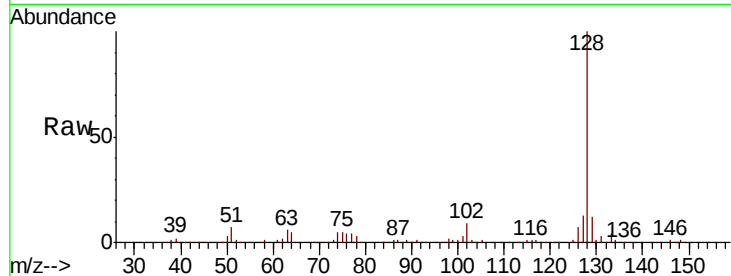
Tot Ion:128 Resp: 248097

Ion Ratio Lower Upper

128 100

129 11.6 8.9 13.3

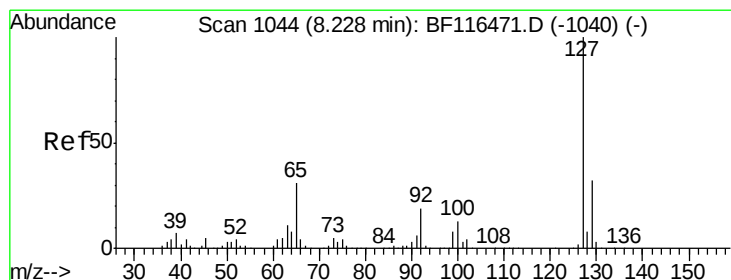
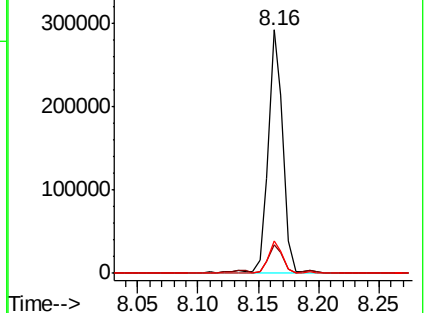
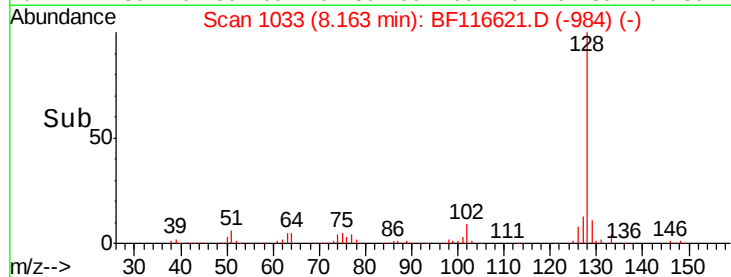
127 13.2 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 3.523 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.05 min

Lab File: BF116621.D

Acq: 28 Aug 2019 18:12

Tgt Ion:127 Resp: 32961

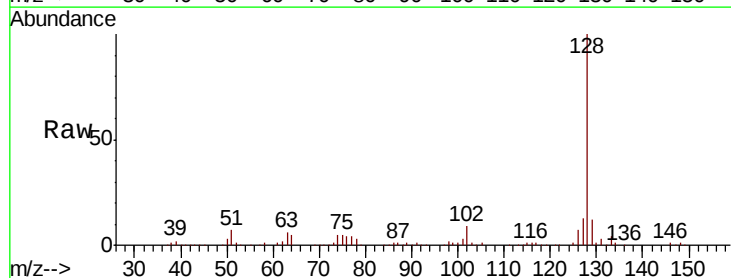
Ion Ratio Lower Upper

127 100

129 87.7 25.9 38.9#

65 0.0 22.6 33.8#

92 0.9 15.0 22.6#

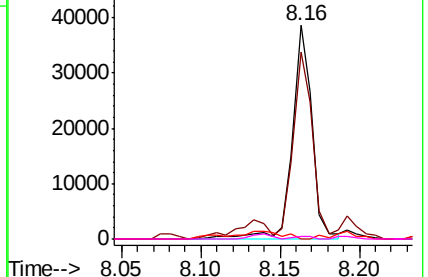
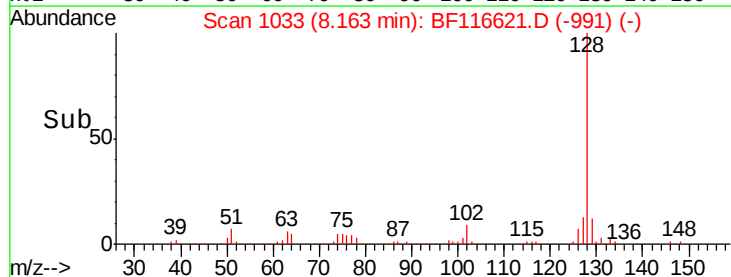


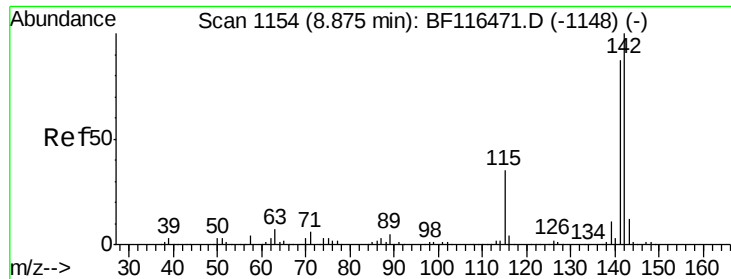
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

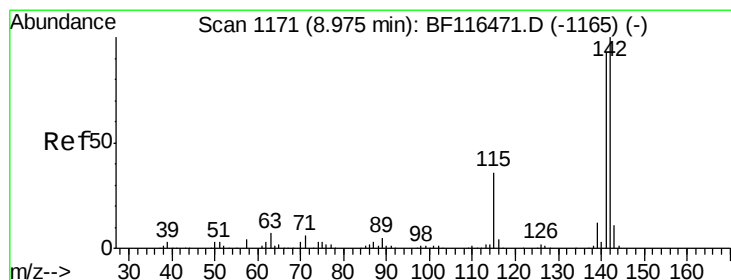
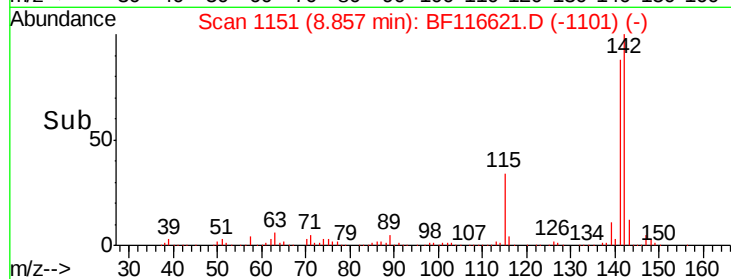
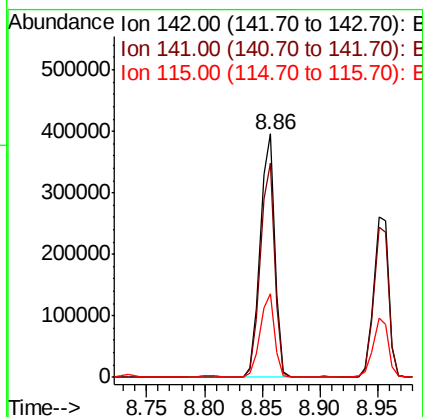
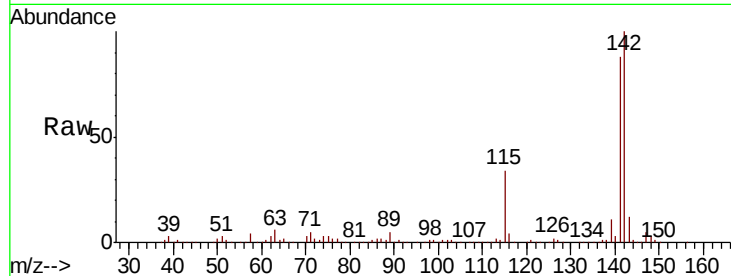




#37
2-Methylnaphthalene
Concen: 26.762 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF116621.D
Acq: 28 Aug 2019 18:12

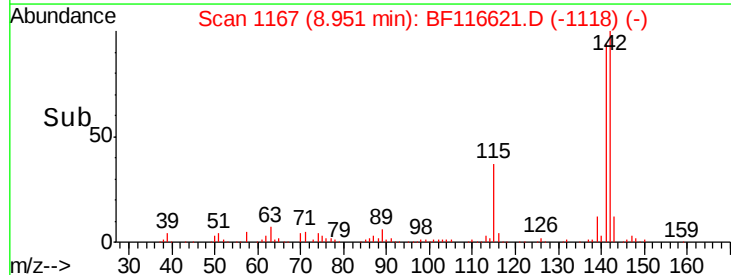
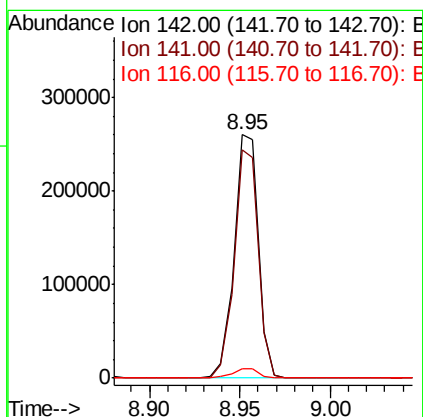
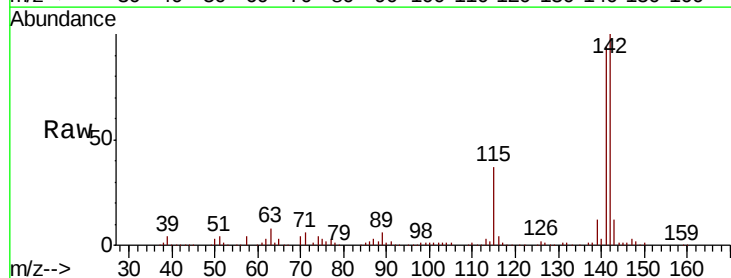
Instrument :
BNA_F
ClientSampled :

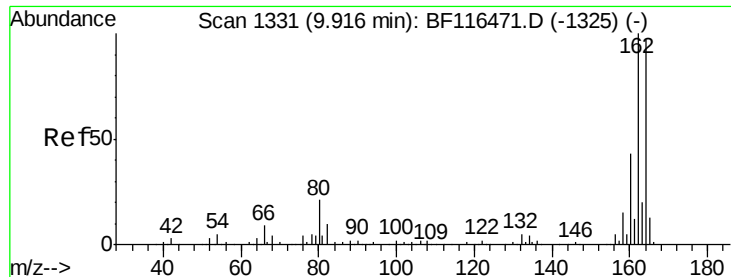
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	69.5	104.3
115	34.1	26.0	39.0



#38
1-Methylnaphthalene
Concen: 18.714 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF116621.D
Acq: 28 Aug 2019 18:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	73.1	109.7
116	3.9	2.7	4.1

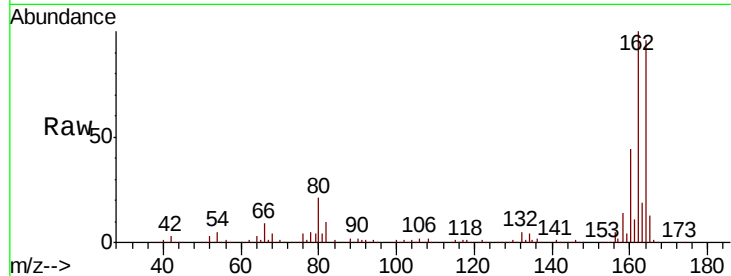




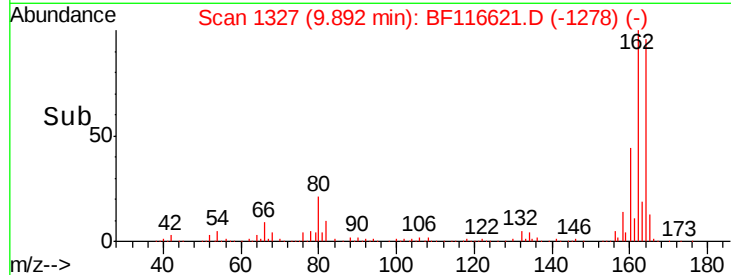
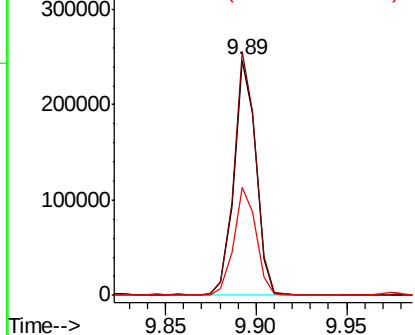
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF116621.D
 Acq: 28 Aug 2019 18:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 208674
 Ion Ratio Lower Upper
 164 100
 162 103.8 83.4 125.0
 160 45.9 37.0 55.4

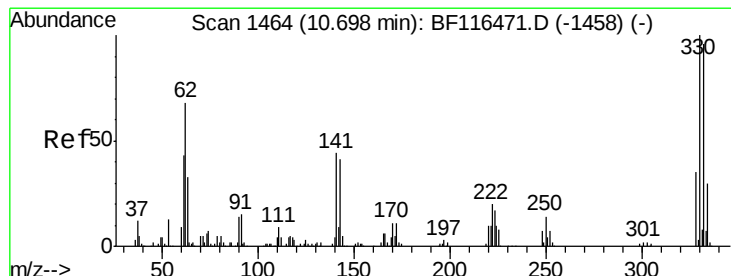


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

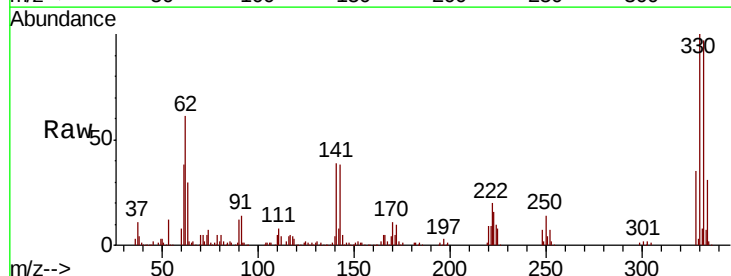
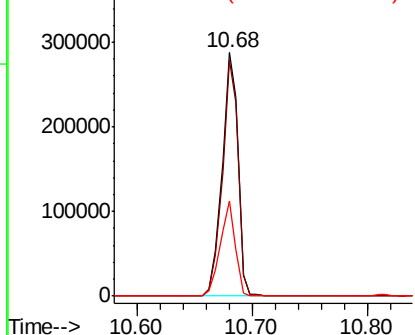


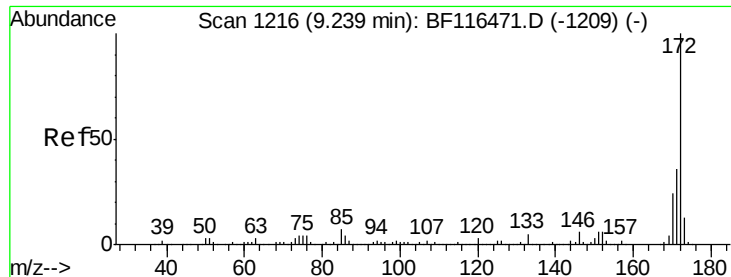
#42
 2,4,6-Tribromophenol
 Concen: 138.492 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF116621.D
 Acq: 28 Aug 2019 18:12

Tgt Ion:330 Resp: 275013
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.5 116.3
 141 37.6 28.2 42.2



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



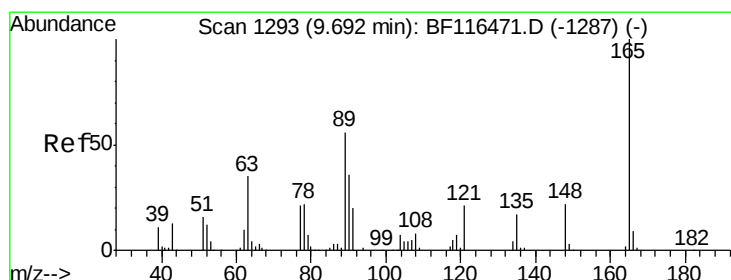
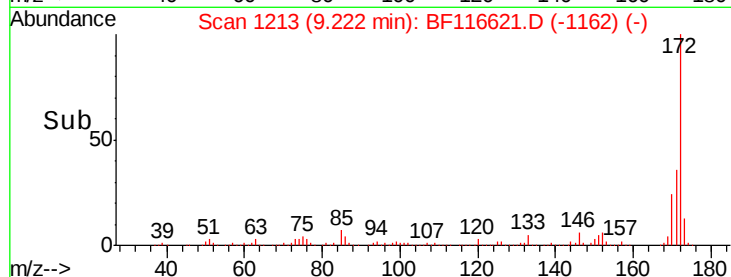
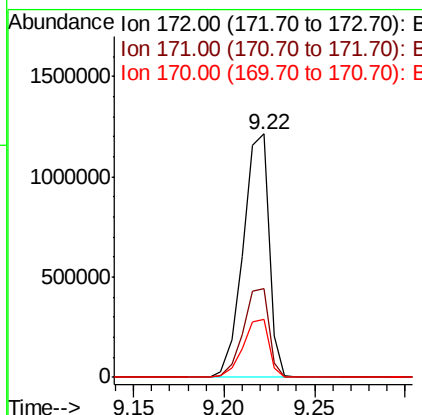
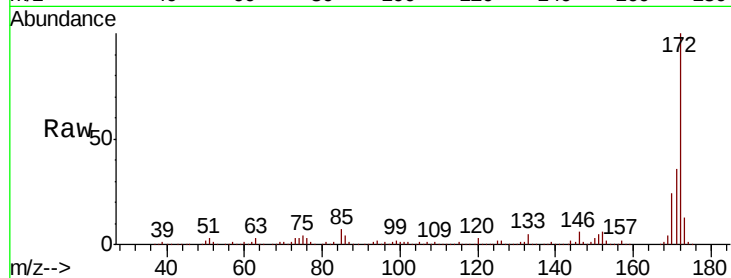


#45
 2-Fluorobiphenyl
 Concen: 95.887 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF116621.D
 Acq: 28 Aug 2019 18:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1202329

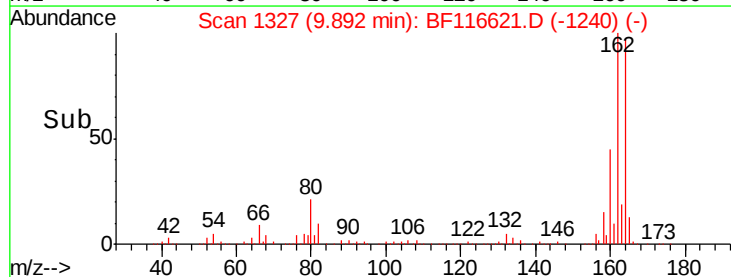
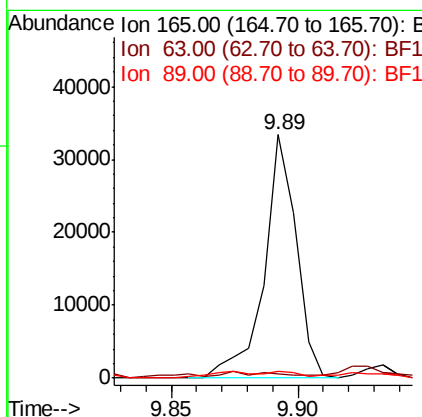
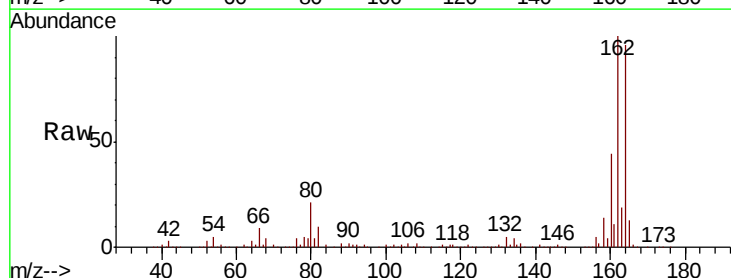
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	23.8	19.3	28.9

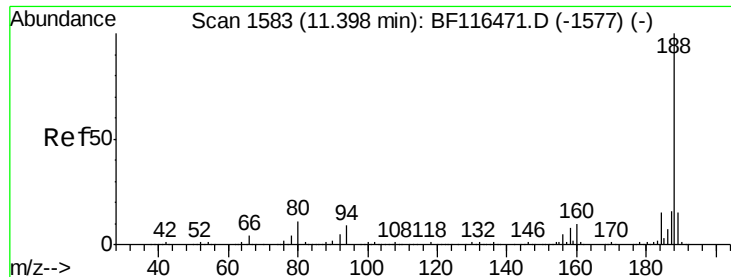


#51
 2,6-Dinitrotoluene
 Concen: 9.449 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF116621.D
 Acq: 28 Aug 2019 18:12

Tgt Ion:165 Resp: 29231

Ion	Ratio	Lower	Upper
165	100		
63	1.9	37.2	55.8#
89	2.9	40.8	61.2#

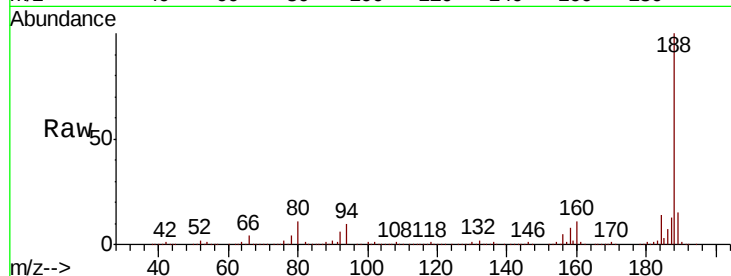




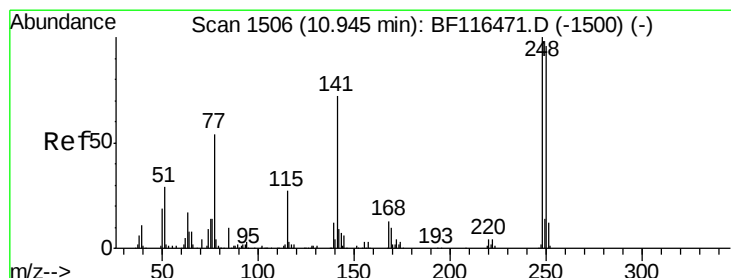
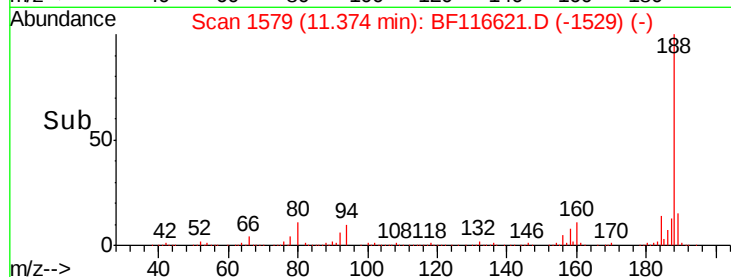
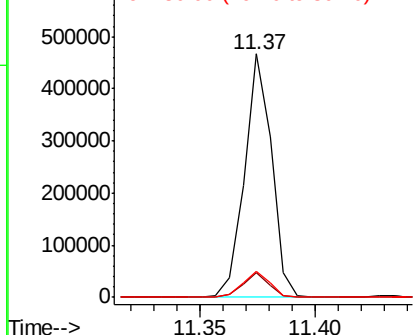
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF116621.D
Acq: 28 Aug 2019 18:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 381785
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.4
80 10.9 8.9 13.3

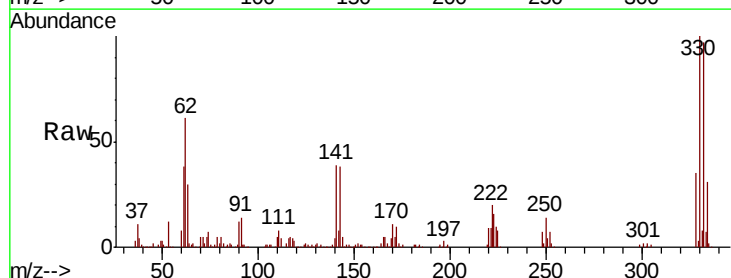


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

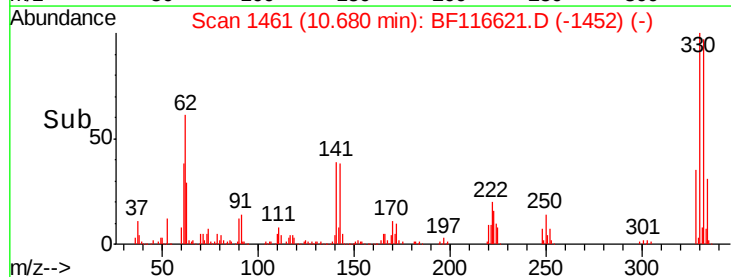
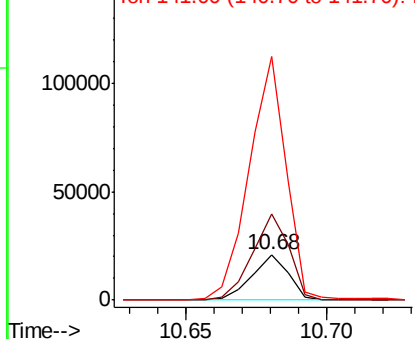


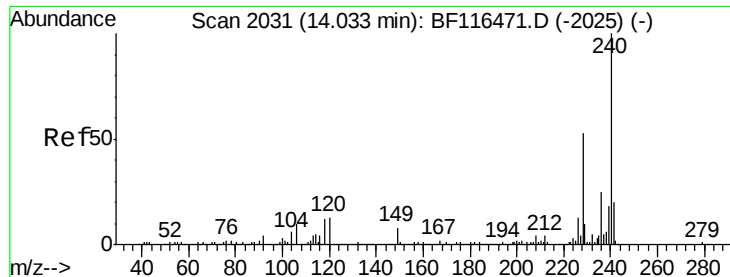
#67
4-Bromophenyl-phenylether
Concen: 4.621 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF116621.D
Acq: 28 Aug 2019 18:12

Tgt Ion:248 Resp: 18715
Ion Ratio Lower Upper
248 100
250 190.2 76.6 115.0#
141 537.5 60.8 91.2#



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

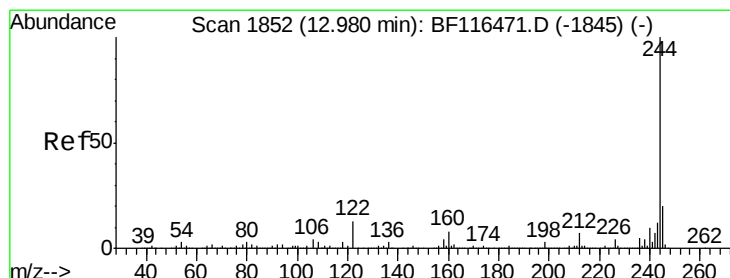
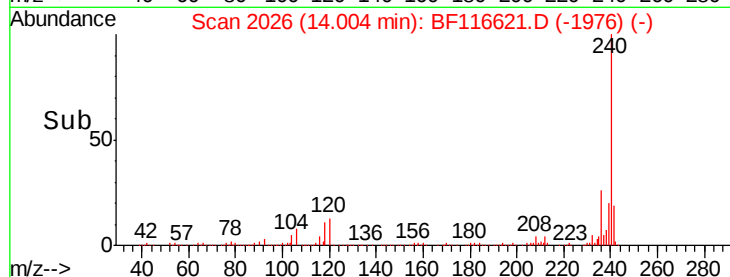
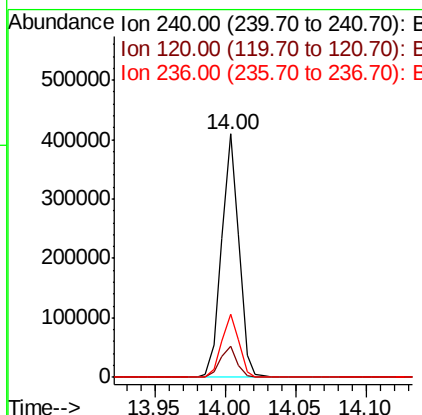
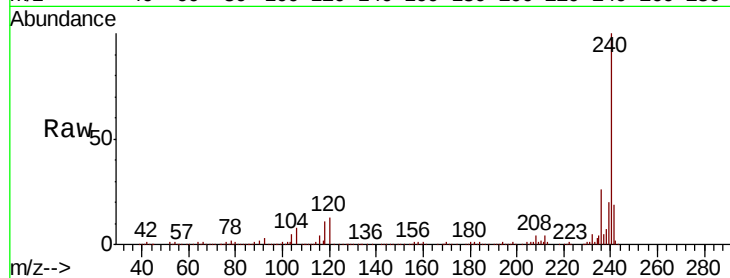




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116621.D
Acq: 28 Aug 2019 18:12

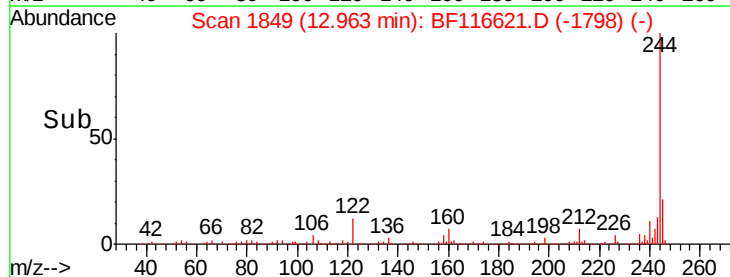
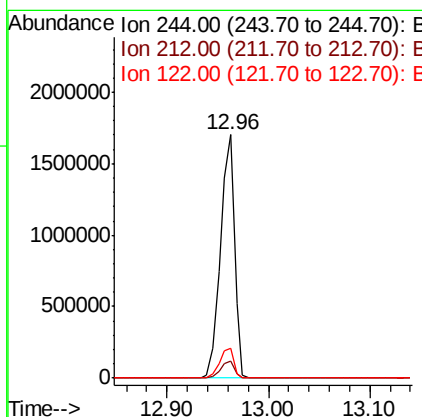
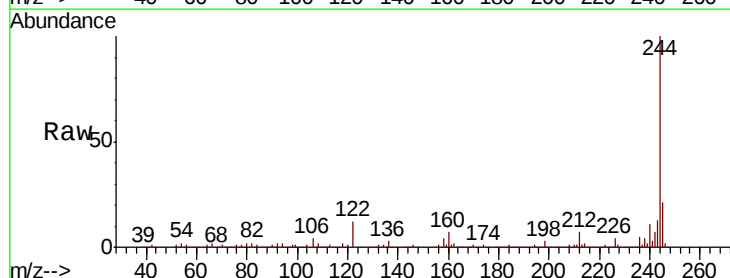
Instrument :
BNA_F
ClientSampleId :

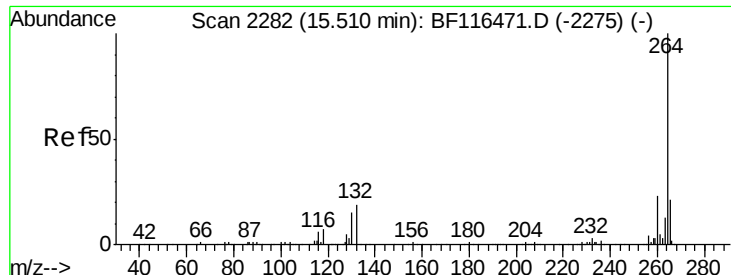
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.9	11.3	16.9
236	25.9	21.4	32.2



#79
Terphenyl-d14
Concen: 76.006 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF116621.D
Acq: 28 Aug 2019 18:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	12.3	10.0	15.0

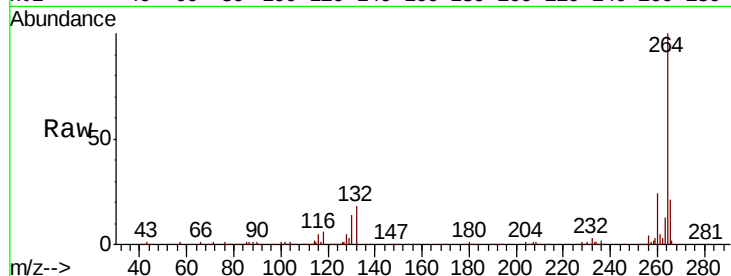




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF116621.D
 Acq: 28 Aug 2019 18:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.0	30.0
265	21.4	17.6	26.4



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

